

Electronic Product Price List

Pressure Transmitters and Transducers



- General Purpose
- Hazardous Area
- Submersible Liquid Level
- Special Purpose
- Meters and Displays
- 3A Sanitary



2012 Electronic Product Price List

Electronic Pressure Measurement

2012 Electronic Product Price List

General Purpose
Hazardous Area
Submersible Liquid Level
Special Purpose
Meters and Displays
3A Sanitary

Effective October 1, 2011

PAYMENT TERMS

Terms and Conditions of Sale and Return Material Authorizations (RMA) are available from the WIKA website at www.wika.com. Prices are subject to change without prior notice.

PRODUCT SPECIFICATIONS

The 2012 Electronic Pressure Price List supersedes all previous price lists. Product specifications are subject to change without prior notice. Please visit the WIKA website for the most up-to-date information.

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Type S-10 General Purpose Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** 1/2 NPT male
- **Electrical connection:** DIN EN 175301-803 (DIN 43 650) with plug connector








































Gauge Ranges		
Description		
Range	Part #	Price
0-50 inWC	8367656	\$381.35
0-100 inWC	8341481	
0-5 psi	8415072	
0-10 psi	8642885	
0-15 psi	8643628	
0-25 psi	8341995	
0-30 psi	8643636	
0-50 psi	8348868	
0-60 psi	8643644	
0-100 psi	8643652	
0-160 psi	8341155	
0-200 psi	8644918	
0-250 psi	8341163	
0-300 psi	8341732	
0-400 psi	8341953	
0-500 psi	8341740	
0-600 psi	8347128	
0-750 psi	4294930	
0-1,000 psi	8610007	
0-1,500 psi	8341219	
0-2,000 psi	8353098	
0-3,000 psi	8342275	
0-5,000 psi	8340638	
0-8,000 psi	8341864	
0-10,000 psi	8347242	
0-15,000 psi	8359143	

Vacuum & Compound Ranges		
Description		
Range	Part #	Price
30"-0 HgVac	8642850	\$465.40
30"-0-30 psi	8415080	
30"-0-60 psi	8415099	
30"-0-100 psi	8648646	
30"-0-160 psi	9796881	
30"-0-200 psi	8985538	


























Absolute Pressure Ranges		
Description		
Range	Part #	Price
0-15 psia	8587582	\$465.40
0-25 psia	8358503	
0-50 psia	8347854	
0-100 psia	9734538	
0-250 psia	9734589	
0-500 psia	9767164	

NOTE: Standard items and TRONIC 36 part numbers are shown in **bold print**. (Subject to prior sale)






S-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$381.35
			Additional price	
		Signal output		
1	A	4... 20 mA, 2-wire 	N/C	
	B	0... 20 mA, 3-wire	\$84.05	
	F	0... 10 V, 3-wire (supply 14-30 V) 	\$84.05	
	G	0... 5 V, 3-wire 	\$84.05	
	W	0.5 ... 4.5 V 3-wire ratiometric 	\$84.05	
	?	Other - please specify	on inquiry	
		Unit		
2	P	psi 	N/C	
	N	InWC 	N/C	
	3	psi absolute (from 15 psi to 250 psi absolute) 	\$84.05	
	?	Other - please specify	on inquiry	
		Pressure range		
3	CA	-30 inHg ... 0 	\$84.05	
	CD	-30 inHg ... 30 psi 	\$84.05	
	CF	-30 inHg ... 60 psi 	\$84.05	
	CH	-30 inHg ... 100 psi 	\$84.05	
	CK	-30 inHg ... 160 psi 	\$84.05	
	CL	-30 inHg ... 200 psi 	\$84.05	
	GG	0 InWC ... 50 InWC 	N/C	
	GU	0 InWC ... 100 InWC 	N/C	
	CN	0 psi ... 5 psi 	N/C	
	CP	0 psi ... 10 psi 	N/C	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute) 	N/C	
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute) 	N/C	
	BD	0 psi ... 30 psi 	N/C	
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute) 	N/C	
	BE	0 psi ... 60 psi 	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute) 	N/C	
	BG	0 psi ... 160 psi 	N/C	
	BH	0 psi ... 200 psi 	N/C	
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute) 	N/C	
	BI	0 psi ... 300 psi 	N/C	
	BK	0 psi ... 400 psi 	N/C	
	DI	0 psi ... 500 psi 	N/C	
	BL	0 psi ... 600 psi 	N/C	
	DJ	0 psi ... 750 psi 	N/C	
	BN	0 psi ... 1,000 psi 	N/C	
	BO	0 psi ... 1,500 psi 	N/C	
	BP	0 psi ... 2,000 psi 	N/C	
	BQ	0 psi ... 3,000 psi 	N/C	
	BS	0 psi ... 5,000 psi 	N/C	
	DS	0 psi ... 8,000 psi 	N/C	
	BT	0 psi ... 10,000 psi	N/C	
	BU	0 psi ... 15,000 psi	N/C	
??	Other - up to maximum specified pressure range	on inquiry		

S-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Process connection			
	NB	1/4" NPT 	N/C
	ND	1/2" NPT 	N/C
	NH	1/8" NPT 	N/C
	GB	G 1/4 B	N/C
	GD	G 1/2 B	N/C
	NP	1/4" NPT female 	\$62.05
	NQ	1/2" NPT female 	\$62.05
	NR	1/8" NPT female 	\$62.05
	UA	7/16-20 UNF SAE #4 J514 male 	\$62.05
	UB	7/16-20 UNF SAE #4 J514 female 	\$62.05
	UE	9/16-18 UNF SAE #6 J514 male 	\$62.05
	UF	9/16-18 UNF SAE #6 J514 female 	\$62.05
	UC	3/4-16 UNF SAE #8 J514 male 	\$62.05
	UD	3/4-16 UNF SAE #8 J514 female 	\$62.05
	CS	Diaphragm seal	on inquiry
4	??	Other - please specify	on inquiry
Special design features			
	Z	Without 	N/C
	A	Oxygen, oil and grease free ¹⁾	\$96.95
5	?	Other - please specify	on inquiry
Accuracy			
	G	+/- 0.25% B.F.S.L. 	N/C
6	K	+/- 0.125% B.F.S.L. (≥ 100 inWC) 	\$43.25
Electrical connection			
	A4	4 Pin L-plug DIN 43 650 with pg 9 (NEMA 5 / IP 65) 	N/C
	AX	4 Pin L-plug DIN 43 650 w / 1/2" NPT female conduit (NEMA 5/IP 65) 	\$5.95
	M5	M12 x 1, 5 pin circular connector 	\$32.30
	DL	Cable with free ends (NEMA 4 / IP 67) 	\$62.05
	2X	1/2" NPT male conduit with cable 	\$62.05
	XM	Submersible cable (NEMA 6 / IP 68)	\$161.60
	O4	4 Pin MIL plug PT02E-8-4P (NEMA 5 / IP 65) 	\$84.05
	C6	6 Pin MIL plug PT02E-10-6P (NEMA 5 / IP 65) 	\$84.05
7	??	Other - please specify	on inquiry
Cable length			
	Z	Without (always with plug connection) 	N/C
	Y	5 feet 	N/C
	1	10 feet	\$12.95
	2	20 feet	\$38.80
	3	30 feet 	\$64.65
	4	40 feet	\$90.50
	5	50 feet	\$116.35
8	?	Other - please specify	on inquiry

S-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Temperature range of medium			
9	A	-30 ... +100 °C (-22 ... +212 °F) 	N/C
	B	-40 ... +125 °C (-40 ... +257 °F)	\$77.55
	X	Changed because of diaphragm seal attachment (only with process connection CS)	N/C
Approvals			
10	Z	Without 	N/C
	G	GL, BV, ABS, RINA, DNV, Class NK	on inquiry
	?	Other - please specify	on inquiry
Quality certificates			
11	Z	Without 	N/C
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$71.10
	?	Other - please specify	on inquiry
Digital display			
12	Z	Without 	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
13	Z	Without 	N/C
	T	Additional order details	on inquiry

1) Maximum media temperature is -4 ... +140°F (-20 ... +60°C) for pressure ranges 100 InWC to 300 psi. (Field 5, Code A)

TOTAL PRICE



TRONIC 36 Special Instructions:

If the **TRONIC 36** logo appears next to the selected feature for **all** fields, the transmitter qualifies for shipment within 36 hours as part of the TRONIC 36 program.

Order Code:

S-10 - ¹ - ² ³ - ⁴ - ⁵ ⁶ ⁷ ⁸ ⁹ ¹⁰ - ¹¹ ¹² ^{13*}

*Additional order details _____

Type S-11 Flush Diaphragm Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Electrical connection:** DIN EN 175301-803 (DIN 43 650) with plug connector
- **Process connection:** G1B or G1/2B depending upon pressure range



Gauge Ranges		
Description		
Range	Part #	Price
0-50 inWC ¹	9739640	\$446.00
0-100 inWC ¹	8341473	
0-5 psi ¹	4204051	
0-10 psi ¹	8341074	
0-15 psi ¹	8345726	
0-25 psi ¹	8395736	
0-30 psi ¹	8395746	
0-50 psi	8395766	
0-60 psi	8351312	
0-100 psi	8341724	
0-160 psi	8643407	
0-200 psi	8641064	
0-250 psi	8341961	
0-300 psi	8341171	
0-400 psi	8342003	
0-500 psi	8341197	
0-600 psi	8345745	
0-750 psi	8352865	
0-1,000 psi	9777517	
0-1,500 psi	8366706	
0-2,000 psi	8640823	
0-3,000 psi	8341758	
0-5,000 psi	8340646	
0-8,000 psi	9749581	

Vacuum & Compound Ranges		
Description		
Range	Part #	Price
30"-0 HgVac ¹	8395706	\$530.00
30"-0-30 psi	9796058	
30"-0-60 psi	8345622	
30"-0-100 psi	8340242	
30"-0-200 psi	8342118	

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

NOTES:

¹Pressure ranges from 50 inWC to 30 PSI are supplied with G1B flush process connections; see datasheet for details

S-11 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$446.00
			Additional price	
		Signal output		
1	A	4 ... 20 mA, 2-wire	N/C	
	B	0 ... 20 mA, 3-wire	\$84.05	
	F	0 ... 10 V, 3-wire (Supply 14-30 V)	\$84.05	
	G	0 ... 5 V, 3-wire	\$84.05	
	W	0.5 ... 4.5 V 3-wire ratiometric	\$84.05	
	?	Other - please specify	on inquiry	
		Unit		
2	P	psi	N/C	
	N	InWC	N/C	
	3	psi absolute (from 15 psi to 250 psi absolute)	\$84.05	
	?	Other - please specify	on inquiry	
			Pressure range	
3	CA	-30 inHg ... 0	\$84.05	
	CD	-30 inHg ... 30 psi	\$84.05	
	CF	-30 inHg ... 60 psi	\$84.05	
	CH	-30 inHg ... 100 psi	\$84.05	
	CK	-30 inHg ... 160 psi	\$84.05	
	CL	-30 inHg ... 200 psi	\$84.05	
	GG	0 InWC ... 50 InWC	N/C	
	GU	0 InWC ... 100 InWC	N/C	
	CN	0 psi ... 5 psi	N/C	
	CP	0 psi ... 10 psi	N/C	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BG	0 psi ... 160 psi	N/C	
	BH	0 psi ... 200 psi	N/C	
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C	
	BI	0 psi ... 300 psi	N/C	
	BK	0 psi ... 400 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	BL	0 psi ... 600 psi	N/C	
	DJ	0 psi ... 750 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
BP	0 psi ... 2,000 psi	N/C		

S-11 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Pressure range continued			
3	BQ	0 psi ... 3,000 psi	N/C
	BS	0 psi ... 5,000 psi	N/C
	DS	0 psi ... 8,000 psi	N/C
	??	Other - please specify	on inquiry
Process connection			
4	85	G 1 B, flush diaphragm with O-ring (up to 25 psi)	N/C
	86	G 1/2 B, flush diaphragm with O-ring (≥ 30 psi)	N/C
	??	Other - please specify	on inquiry
Material of wetted parts			
5	1	Stainless steel, NBR O-Ring 1)	N/C
	L	Stainless steel, Viton [®] O-Ring	\$14.25
	?	Other - please specify	on inquiry
Special design features			
6	Z	Without	N/C
	G	Suitable for food	\$58.20
	A	Oxygen, oil and grease free 2)	on inquiry
	?	Other - please specify	on inquiry
Accuracy			
7	G	+/- 0.25% B.F.S.L.	N/C
	K	+/- 0.125% B.F.S.L. (≥ 100 inWC)	\$45.25
Electrical connection			
8	A4	4 Pin L-plug DIN 43 650 with pg 9 (NEMA 5 / IP 65)	N/C
	AX	4 Pin L-plug DIN 43 650 with 1/2" NPT female conduit (NEMA 5 / IP 65)	\$5.95
	DL	Cable with free gnds (NEMA 4 / IP 67)	\$62.05
	2X	1/2" male conduit with cable	\$62.05
	XM	Submersible cable (NEMA 6 / IP 68)	\$161.60
	O4	4 Pin MIL Plug PT02E-8-4P (NEMA 5 / IP 65)	\$84.05
	C6	6 Pin MIL Plug PT02E-10-6P (NEMA 5 / IP 65)	\$84.05
	??	Other - please specify	on inquiry
Cable length			
9	Z	Without (always with plug connection)	N/C
	Y	5 feet	N/C
	1	10 feet	\$12.95
	2	20 feet	\$38.80
	3	30 feet	\$64.65
	4	40 feet	\$90.50
	5	50 feet	\$116.35
	?	Other - please specify	on inquiry

S-11 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Temperature range of medium			
10	A	-30 ... +100 °C (-22 ... +212 °F)	N/C
	B	-40 ... +125 °C (-40 ... +257 °F)	\$71.65
	C	-20 ... +150 °C (-4 ... +302 °F) with cooling element	on inquiry
Approvals			
11	Z	Without	N/C
	?	Other - please specify	on inquiry
Quality certificates			
12	Z	Without	N/C
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$71.10
	?	Other - please specify	on inquiry
Digital display			
13	Z	Without	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
14	Z	Without	N/C
	T	Additional order details	N/C

1) Not available with cooling element option (Field 10, Code C)

2) Maximum media temperature is -4 ... +140° F (-20 ... +60° C) for pressure ranges 100 InWC to 500 psi. (Field 6, Code A)

TOTAL PRICE

Order Code: 1 2 3 4 5 6 7 8 9 10 11 12 13 14*

S-11 - - - - -

*Additional order details _____

TRONIC > General Purpose > F-20

Type F-20 Pressure Transmitter with NEMA 4X Integral Junction Box

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 DC
- **Process connection:** 1/2 NPT male
- **Electrical connection:** Field case with 1/2" NPT female conduit



F-20 Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-50 inWC	12127469	\$536.45
0-100 inWC	12127477	
0-5 psi	12127493	
0-10 psi	12127507	
0-15 psi	12127523	
0-25 psi	12127531	
0-30 psi	12127540	
0-50 psi	12127558	
0-60 psi	12127566	
0-100 psi	12128873	
0-160 psi	12127574	
0-200 psi	12127582	
0-300 psi	12127591	
0-500 psi	12127639	
0-1,000 psi	12127671	
0-2,000 psi	12127681	
0-3,000 psi	12127699	
0-5,000 psi	12127701	

Vacuum & Compound Ranges		
Description		
Range	Part #	Price
30 inHg vac	12127400	\$620.50
30 inHg/30 psi	12127418	
30 inHg/60 psi	12127426	
30 inHg/100 psi	12127434	
30 inHg/200 psi	12127451	

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

F-20 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$536.45
			Additional price	
		Signal output		
	A	4 ... 20 mA, 2-wire	N/C	
	B	0 ... 20 mA, 3-wire	\$84.05	
	F	0 ... 10 V, 3-wire (Supply 14-30 V)	\$84.05	
	G	0 ... 5 V, 3-wire	\$84.05	
1	?	Other - please specify	on inquiry	
		Unit		
	P	psi	N/C	
	N	InWC	N/C	
	3	psi absolute	\$84.05	
2	?	Other - please specify	on inquiry	
		Pressure range		
	CA	-30 inHg ... 0	\$84.05	
	CD	-30 inHg ... 30 psi	\$84.05	
	CF	-30 inHg ... 60 psi	\$84.05	
	CH	-30 inHg ... 100 psi	\$84.05	
	CK	-30 inHg ... 160 psi	\$84.05	
	CL	-30 inHg ... 200 psi	\$84.05	
	GG	0 InWC ... 50 InWC	N/C	
	GU	0 InWC ... 100 InWC	N/C	
	CN	0 psi ... 5 psi	N/C	
	CP	0 psi ... 10 psi	N/C	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BG	0 psi ... 160 psi	N/C	
	BH	0 psi ... 200 psi	N/C	
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C	
	BI	0 psi ... 300 psi	N/C	
	BK	0 psi ... 400 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	BL	0 psi ... 600 psi	N/C	
	DJ	0 psi ... 750 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BP	0 psi ... 2,000 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	BS	0 psi ... 5,000 psi	N/C	
3	DS	0 psi ... 8,000 psi	N/C	

F-20 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Additional price
Pressure range continued			
3	BT	0 psi ... 10,000 psi	N/C
	BU	0 psi ... 15,000 psi	N/C
	??	Other - please specify	on inquiry
Process connection			
4	ND	1/2" NPT	N/C
	NB	1/4" NPT	N/C
	GD	G 1/2 B	N/C
	GB	G 1/4 B	N/C
	CS	Diaphragm seal	on inquiry
	??	Other - please specify	on inquiry
Special design features			
5	Z	Without	N/C
	G	Suitable for food	\$58.20
	A	Oxygen, oil and grease free ¹⁾	on inquiry
	??	Other - please specify	on inquiry
Accuracy			
6	G	+/- 0.25% B.F.S.L.	N/C
	K	+/- 0.125% B.F.S.L.	\$45.25
Electrical connection			
7	FE	1/2" NPT female conduit (IP67)	N/C
	FH	Nickel plated brass cable gland (IP68)	N/C
	FC	Stainless steel cable gland (IP68)	\$38.80
	??	Other - please specify	on inquiry
Temperature range of medium			
8	A	-30 ... +100 °C (-22 ... +212 °F)	N/C
	B	-40 ... +125 °C (-40 ... +257 °F)	\$77.55
	X	Changed because of diaphragm seal attachment	on inquiry
Quality certificates			
9	Z	Without	N/C
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$ 71.10
Digital display			
10	Z	Without	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
11	Z	Without	N/C
	T	Additional order details	on inquiry

1) Maximum media temperature is -4 ... +140° F (-20 ... +60° C) for pressure ranges 100 InWC to 300 psi.

Order Code:

1 2 3 4 5 6 7 8 9 10 11* TOTAL PRICE

F-20 - - - - -

*Additional order details _____

TRONIC > General Purpose > F-21

Type F-21 Flush Diaphragm Pressure Transmitter with NEMA 4X Integral Junction Box

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 DC
- **Process connection:** G1/2B or G1B flush diaphragm depending upon pressure range
- **Electrical connection:** Field case with 1/2" NPT female conduit



F-21 Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-50 inWC ¹	12126331	\$601.10
0-5 psi ¹	12127728	
0-10 psi ¹	12127736	
0-100 psi	12127744	

NOTES:

¹Pressure ranges from 50 inWC to 15 psi are supplied with G1B flush process connections; see datasheet for details

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

F-21 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$601.10
			Additional price	
		Signal output		
1	A	4 ... 20 mA, 2-wire	N/C	
	B	0 ... 20 mA, 3-wire	\$84.05	
	F	0 ... 10 V, 3-wire (Supply 14-30 V)	\$84.05	
	G	0 ... 5 V, 3-wire	\$84.05	
	?	Other - please specify	on inquiry	
		Unit		
2	P	psi	N/C	
	N	InWC	N/C	
	3	psi absolute	\$84.05	
	?	Other - please specify	on inquiry	
		Pressure range		
3	CA	-30 inHg ... 0	\$84.05	
	CD	-30 inHg ... 30 psi	\$84.05	
	CF	-30 inHg ... 60 psi	\$84.05	
	CH	-30 inHg ... 100 psi	\$84.05	
	CK	-30 inHg ... 160 psi	\$84.05	
	CL	-30 inHg ... 200 psi	\$84.05	
	GG	0 InWC ... 50 InWC	N/C	
	GU	0 InWC ... 100 InWC	N/C	
	CN	0 psi ... 5 psi	N/C	
	CP	0 psi ... 10 psi	N/C	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BG	0 psi ... 160 psi	N/C	
	BH	0 psi ... 200 psi	N/C	
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C	
	BI	0 psi ... 300 psi	N/C	
	BK	0 psi ... 400 psi	N/C	
	BL	0 psi ... 600 psi	N/C	
	DJ	0 psi ... 750 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BP	0 psi ... 2,000 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	BS	0 psi ... 5,000 psi	N/C	
	DS	0 psi ... 8,000 psi	N/C	
	??	Other - please specify	on inquiry	

F-21 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Process connection			
4	85	G 1 B, flush diaphragm with O-ring (up to 25 psi)	N/C
	86	G 1/2 B, flush diaphragm with O-ring (≥ 30 psi)	N/C
	??	Other - please specify	on inquiry
Material of wetted parts			
5	1	Stainless steel, NBR O-Ring ¹⁾	N/C
	L	Stainless steel, Viton® O-Ring	\$14.25
	?	Other - please specify	on inquiry
Special design features			
6	Z	Without	N/C
	G	Suitable for food	\$58.20
	A	Oxygen, oil and grease free (max. 140° F, ≥ 100 inWC) ²⁾	on inquiry
	?	Other - please specify	on inquiry
Accuracy			
7	G	+/- 0.25% B.F.S.L.	N/C
	K	+/- 0.125% B.F.S.L.	\$45.25
Electrical connection			
8	FE	1/2" NPT female conduit (IP67)	N/C
	FH	Nickel plated brass cable gland (IP68)	N/C
	FC	Stainless steel cable gland (IP68)	\$38.80
	??	Other - please specify	N/C
Temperature range of medium			
9	A	-30 ... +100° C (-22 ... +212° F)	N/C
	B	-40 ... +125° C (-40 ... +257° F)	\$71.65
	C	-20 ... +150° C (-4 ... +302° F) with cooling element	on inquiry
	X	Changed because of diaphragm seal attachment	on inquiry
Quality certificates			
10	Z	Without	N/C
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$71.10
Digital display			
11	Z	Without	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
12	Z	Without	N/C
	T	Additional order details	on inquiry

1) Not available with cooling element option (Field 9, Code C)

2) Maximum media temperature is -4 ... +140° F (-20 ... +60° C) for pressure ranges 100 InWC to 500 psi.

TOTAL PRICE

Order Code: 1 2 3 4 5 6 7 8 9 10 11 12*

F-21 - - - - -

*Additional order details _____

Type C-10 General Purpose Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** 1/4 NPT Male
- **Electrical connection:** DIN 43 650 with mini L-plug connector

































Gauge Ranges		
Description		
Range	Part #	Price
0-100 inWC	4204883	\$252.10
0-5 psi	8363434	
0-10 psi	4302940	
0-15 psi	8363442	
0-25 psi	8363450	
0-30 psi	4256671	
0-50 psi	8363468	
0-60 psi	8363476	
0-100 psi	8363515	
0-150 psi	8363485	
0-200 psi	8363493	
0-250 psi	4256698	
0-300 psi	8363506	
0-400 psi	4323697	
0-500 psi	9697688	
0-600 psi	8357247	
0-1,000 psi	8357255	
0-1,500 psi	8357264	
0-2,000 psi	8357272	
0-3,000 psi	8354753	
0-5,000 psi	8347390	
0-7,500 psi	8357280	
0-10,000 psi	8357298	
0-15,000 psi	8359576	






















Absolute Pressure Ranges		
Description		
Range	Part #	Price
0-15 psia	4228146	\$316.70
0-25 psia	4258615	
0-50 psia	4346127	

NOTE: Standard items shown and TRONIC 36 part numbers are shown in bold print. (Subject to prior sale)




C-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$252.10
1	Signal output		Additional price	
	A	4... 20 mA, 2-wire		N/C
	G	0... 5 V, 3-wire		\$64.65
	F	0... 10 V, 3-wire (supply 14-30 V)		\$64.65
	W	0.5... 4.5V ratiometric		\$64.65
	?	Other - please specify		on inquiry
2	Unit			
	P	psi		N/C
	N	InWC		N/C
	3	psi absolute (from 15 psi to 250 psi absolute)		\$64.65
?	Other - please specify		on inquiry	
3	Pressure range			
	GU	0 InWC ... 100 InWC		N/C
	CN	0 psi ... 5 psi		N/C
	CP	0 psi ... 10 psi		N/C
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)		N/C
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)		N/C
	BD	0 psi ... 30 psi		N/C
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)		N/C
	BE	0 psi ... 60 psi		N/C
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)		N/C
	DC	0 psi ... 150 psi		N/C
	BH	0 psi ... 200 psi		N/C
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)		N/C
	BI	0 psi ... 300 psi		N/C
	BK	0 psi ... 400 psi		N/C
	DI	0 psi ... 500 psi		N/C
	BL	0 psi ... 600 psi		N/C
	DJ	0 psi ... 750 psi		N/C
	BN	0 psi ... 1,000 psi		N/C
	BO	0 psi ... 1,500 psi		N/C
	BP	0 psi ... 2,000 psi		N/C
	BQ	0 psi ... 3,000 psi		N/C
	BS	0 psi ... 5,000 psi		N/C
	DS	0 psi ... 8,000 psi		N/C
	BT	0 psi ... 10,000 psi		N/C
	BU	0 psi ... 15,000 psi		N/C
	??	Other - up to maximum specified pressure range		on inquiry

C-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Process connection			
	NB	1/4" NPT 	N/C
	ND	1/2" NPT 	N/C
	NH	1/8" NPT 	N/C
	GB	G 1/4 B	N/C
	GD	G 1/2 B	N/C
	NP	1/4" NPT female 	\$62.05
	NQ	1/2" NPT female 	\$62.05
	NR	1/8" NPT female 	\$62.05
	UA	7/16-20 UNF SAE #4 J514 male 	\$62.05
	UB	7/16-20 UNF SAE #4 J514 female 	\$62.05
	UE	9/16-18 UNF SAE #6 J514 male 	\$62.05
	UF	9/16-18 UNF SAE #6 J514 female 	\$62.05
	UC	3/4-16 UNF SAE #8 J514 male 	\$62.05
	UD	3/4-16 UNF SAE #8 J514 female 	\$62.05
4	??	Other - please specify	on inquiry
Special design features			
	Z	Without 	N/C
	A	Oxygen, oil and grease free ¹⁾	\$84.05
5	?	Other - please specify	on inquiry
Electrical connection			
	II	DIN 43 650 with miniature L plug connector 	N/C
	H2	4 Pin miniature L-Plug DIN 43 650 w/molded cable (NEMA 5 / IP 65) 	\$34.50
	DL	Cable with free ends (NEMA 4 / IP67)	\$36.20
	CR	Cable with free ends (NEMA 5 / IP65) 	\$36.20
	M5	5 Pin locking plug M12 x 1 (NEMA 5 / IP 65) 	\$19.40
	B5	5 Pin plug 	\$45.25
6	??	Other - please specify	on inquiry
Cable length			
	Z	Without 	N/C
	Y	5 feet (only with H2, DL or CR) 	N/C
	1	10 feet (only with DL or CR)	\$12.95
	2	20 feet (only with DL or CR) 	\$38.80
	3	30 feet (only with DL or CR)	\$64.65
	4	40 feet (only with DL or CR)	\$90.50
	5	50 feet (only with DL or CR)	\$116.35
7	?	Other - please specify	on inquiry

C-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Quality certificates			
8	Z	Without 	N/C
	I	NIST Certificate of Calibration	\$71.10
Digital display			
9	Z	Without 	N/C
Additional order details			
10	Z	Without	N/C
	T	Additional order details 	on inquiry

1) Maximum media temperature is -4 ... +140° F (-20 ... +60° C) for pressure ranges 100 InWC to 300 psi.

TOTAL PRICE



TRONIC 36 Special Instructions:

If the **TRONIC 36** logo appears next to the selected feature for *all* fields, the transmitter qualifies for shipment within 36 hours as part of the TRONIC 36 program.

Order Code:

C-10 - ¹ - ² ³ - ⁴ - ⁵ ⁶ ⁷ **A** - ⁸ ⁹ ^{10*}

*Additional order details _____

Type A-10 General Purpose Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire or 0-10 V 3-wire
- **Supply voltage:** 8-30 DC (14-30 VDC)
- **Process connection:** 1/4 NPT male
- **Electrical connection:** DIN EN 175301-803 (DIN 43 650) with plug connector
- **Non-linearity:** ≤ +/- 0.5% B.F.S.L.

Description			
Range	Part #		Price
	4-20 mA 2-wire	0-10 V 3-wire	
0 ... 15 psia	50426354	50426737	\$178.35
0 ... 100 psia	50426389	50426761	
0 ... 15 psi	50426397	50426770	\$143.85
0 ... 25 psi	50426401	50426788	
0 ... 50 psi	50426427	50426800	
0 ... 100 psi	50372475	50426818	
0 ... 200 psi	50398083	50426834	
0 ... 300 psi	50426460	50426842	
0 ... 500 psi	50426478	50426851	
0 ... 1,000 psi	50426486	50426869	
0 ... 1,500 psi	50426494	50426877	
0 ... 2,000 psi	50426508	50426885	
0 ... 3,000 psi	50426516	50426893	
0 ... 5,000 psi	50372483	50426907	
0 ... 10,000 psi	50426532	50426915	

NOTE: Standard items shown in **bold print**. (Subject to prior sale)



A-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$143.85
			Additional price	
		Non-linearity		
1	6	≤ ± 0.5% BFSL	N/C	
	3	≤ ± 0.25% BFSL	\$115.05	
		Unit		
2	P	psi	N/C	
	?	Other	on inquiry	
		Absolute or relative pressure		
3	G	Gauge	N/C	
	A	Absolute	\$34.50	
	V	Compound	\$34.50	
		Pressure range		
	310	0 ... 15 psig 0 ... 15 psia -30 inHg vacuum	N/C	
	317	0 ... 25 psig 0 ... 25 psia	N/C	
	321	0 ... 30 psig 0 ... 30 psia	N/C	
	331	-30 inHg ... 30 psi	N/C	
	335	0 ... 50 psig 0 ... 50 psia	N/C	
	351	-30 inHg ... 60 psi	N/C	
	369	0 ... 100 psig 0 ... 100 psia	N/C	
	379	-30 inHg ... 100 psi	N/C	
	411	0 ... 160 psig	N/C	
	412	-30 inHg ... 160 psi	N/C	
	414	0 ... 200 psig	N/C	
	415	-30 inHg ... 200 psi	N/C	
	421	0 ... 300 psig 0 ... 300 psia	N/C	
	422	-30 inHg ... 300 psi	N/C	
	434	0 ... 500 psig	N/C	
	469	0 ... 1,000 psig	N/C	
	510	0 ... 1,500 psig	N/C	
	514	0 ... 2,000 psig	N/C	
	521	0 ... 3,000 psig	N/C	
	534	0 ... 5,000 psig	N/C	
	569	0 ... 10,000 psig	N/C	
4	???	Other	on inquiry	
		Process connection		
5	NB	1/4 NPT	T2	N/C
	NP	1/4 NPT female	T2	N/C
	ND	1/2 NPT	T2	N/C
	MV	7/16"-20 UNF SAE O-ring Boss	T1	N/C
	MI	M20 x 1.5	T3	N/C
	GB	G 1/4 B	T3	N/C
	GD	G 1/2 B	T3	N/C
	??	other		on inquiry

A-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price		
			T1	T2	T3
6	Sealing		Thread type - see process connection		
	L	FPM/FKM	N/C	-	-
	C	Copper	-	-	N/C
	S	Stainless steel	-	-	\$12.10
	Z	Without		N/C	
7	Temperature range of medium				
	Z	0...+80 °C (-32°F ... 176 °F)	N/C		
	A	-30...+100 °C (-22°F ... 212 °F)	on inquiry		
8	Signal output				
	A	4 ... 20 mA, 2-wire	N/C		
	F	0 ... 10 V, 3-wire	N/C		
	G	0 ... 5 V, 3-wire	N/C		
	K	1 ... 5 V, 3-wire	N/C		
	W	0.5 ... 4.5 V, 3-wire ratiometric	N/C		
	?	Other	on inquiry		
9	Power supply				
	A	8...30 V DC (only with signal outputs A, G, or K)	N/C		
	C	14...30 V DC (only with signal output F)	N/C		
	E	5 V DC +/- 10% (only with signal output W)	N/C		
	?	Other	on inquiry		
10	Electrical connection				
	AG	Valve connector, size A	N/C		
	AK	Valve connector, size A with cable	\$40.25		
	CG	Valve connector, size C	N/C		
	CK	Valve connector, size C with cable	on inquiry		
	M4	Circular connector M12x1, 4 pin	N/C		
	MG	Angled connector M12x1, 4 pin with cable	\$28.75		
	MI	Straight connector M12x1, 4 pin with cable	\$28.75		
	DL	Cable with free ends (IP 67)	38.50		
	11	Cable length			
Z		Without	N/C		
6		6 feet (only with: AK,CK, MG, MI, or DL)	N/C		
7		15 feet (only with: AK,CK, MG, MI, or DL)	\$18.40		
?		Other	on inquiry		
12	Certificates				
	Z	Without	N/C		
13	Approvals				
	S	UL / CSA / GOST	N/C		
	?	Other	on inquiry		

Order Code: 1 2 3 4 5 6 7 8 9 10 11 12 13*

A-10 - - - - -

*Additional order details _____

TRONIC > General Purpose > OT-1

Type OT-1 General Purpose Pressure Transmitter 100 psi to 8,000 psi



Note: 50 piece minimum order quantity applies.

OT-1 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$109.90
			Additional price	
		Signal output		
	A	4 ... 20 mA, 2-wire		N/C
	K	1 ... 5 V, 3-wire		N/C
	F	0 ... 10, 3-wire		N/C
	W	0.5 - 4.5V 3-wire ratiometric		N/C
1	?	Other - please specify		on inquiry
		Unit		
	P	psi		N/C
2	?	Other - please specify		on inquiry
		Pressure range		
	CH	30 inHg ... 100 psi		N/C
	CL	30 inHg ... 200 psi		N/C
	BF	0 psi ... 100 psi		N/C
	DC	0 psi ... 150 psi		N/C
	DG	0 psi ... 250 psi		N/C
	BI	0 psi ... 300 psi		N/C
	DI	0 psi ... 500 psi		N/C
	BN	0 psi ... 1,000 psi		N/C
	BO	0 psi ... 1,500 psi		N/C
	BP	0 psi ... 2,000 psi		N/C
	BQ	0 psi ... 3,000 psi		N/C
	BS	0 psi ... 5,000 psi		N/C
	DS	0 psi ... 8,000 psi		N/C
3	??	Other - please specify		on inquiry

OT-1 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Process connection			
4	NB	1/4" NPT	N/C
	MV	7/16-20 UNF SAE #4 J514 male w/ O-ring boss	N/C
	GB	G 1/4 B	N/C
	HD	G 1/4 B DIN 3852-E	N/C
	HN	M 14x1.5 DIN 3852-E	N/C
	??	Other - please specify	on inquiry
Electrical connection			
5	M4	4 Pin locking plug M12 x 1 (NEMA 4 / IP 67)	N/C
	R3	Connector metri pack series 150, 3-pin	N/C
	DL	Cable with free ends (NEMA 4 / IP 67)	\$18.10
	G3	Deutsch 3 pin DT04-3P	N/C
	S3	AMP superseal 1.5 3-pin (NEMA 4 / IP 67)	N/C
	??	Other - please specify	on inquiry
Cable length			
6	Z	Without (always with plug version)	N/C
	A	0.5 meter (1.6 feet)	N/C
	B	2 meter (6.5 feet)	\$6.45
	G	5 meter (16.4 feet)	\$19.40
	?	Other	on inquiry
Quality certificates			
7	Z	Without	N/C
	1	Other - please specify	on inquiry
Digital display			
8	Z	Without	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
9	Z	Without	N/C
	T	Additional order details	on inquiry

Note: 50 piece minimum order quantity applies.

TOTAL PRICE

Order Code: 1 2 3 4 5 6 7 8 9*

OT - 1 - - - - -

*Additional order details _____

TRONIC > General Purpose > DG-10

Type DG-10 Digital Pressure Gauge

Standard Features

- **Case:** 3.15” diameter stainless steel
- **Process connection:** 1/4” NPT male
- **Power requirements:** 2 AA batteries
- **Stocked enhanced version includes protective rubber boot**



Type DG-10-S



Type DG-10-E

Description				
Range	DG-10-S Standard Part #	Price	DG-10-E Enhanced Part #	Price
-30 inHg...29 psi	50365444		50365657	
-30 inHg...72 psi	50365452	\$345.20	50365673	\$429.15
-30 inHg...145 psi	50365461		50365690	
0 psi ... 30 psi	50365479		50365720	
0 psi ...60 psi	50365487		50365771	
0 psi ...145 psi	50365495	\$316.40	50365789	\$400.40
0 psi ...300 psi	50365509		50365797	
0 psi ...600 psi	50365517		50365819	
0 psi ...1,450 psi	50365525		50365827	
0 psi ...2,000 psi	50365584		50365835	
0 psi ...3,000 psi	50365592	\$345.20	50365843	\$429.15
0 psi ...5,000 psi	50365614		50365851	
0 psi ...7,500 psi	50365622		50365860	
0 psi ...10,000 psi	50365631		50365878	

DG-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$316.40
			Additional price	
		Model		
	S	Standard	N/C	
1	E	Enhanced <i>among others: Tare-function, backlit display</i>	\$74.80	
		Display		
	8	LCD, 4-digit from -1,999 ... 9,999 <i>Type S</i>	N/C	
2	C	LCD, 4½-digit from -1,999 ... 9,999 + 2nd Display <i>Type E</i>	N/C	
		Unit		
3	P	psi	N/C	
		Absolute or relative pressure		
	G	Gauge	N/C	
4	V	Compound	N/C	
		Pressure range		
	330	-30 InHg ... 29 psi	\$28.75	
	360	-30 InHg ... 72 psi	\$28.75	
	411	-30 InHg ... 145 psi	\$28.75	
	321	0 ... 30 psi	N/C	
	341	0 ... 60 psi	N/C	
	399	0 ... 145 psi	N/C	
	421	0 ... 300 psi	N/C	
	441	0 ... 600 psi	N/C	
	499	0 ... 1,450 psi	\$28.75	
	514	0 ... 2,000 psi	\$28.75	
	521	0 ... 3,000 psi	\$28.75	
	534	0 ... 5,000 psi	\$28.75	
	552	0 ... 7,500 psi	\$28.75	
5	569	0 ... 10,000 psi	\$28.75	
		Process connection		
	ND	½ NPT	N/C	
	NB	¼ NPT	N/C	
	GD	G ½ B	N/C	
	GB	G ¼ B	N/C	
6	HD	G ¼ B DIN 3852-E	N/C	
		Material of wetted parts		
	K	Stainless steel, ceramic and sealing <i>< 600 psi</i>	N/C	
7	Q	Stainless steel <i>≥ 1,450 psi</i>	N/C	
		Temperature range of medium		
	D	-20 ... +85 °C (-4 ... +185 °F) <i>< 600 psi</i>	N/C	
8	A	-30 ... +100 °C (-22 ... +212 °F) <i>≥ 1,450 psi</i>	N/C	

DG-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
9	Sealing		
	Z	Without	N/C
	1	NBR	N/C
	B	EPDM	N/C
10	Certificates		
	Z	Without	N/C
	I	NIST certificate	\$71.10
11	Protective rubber boot		
	Z	Without	N/C
	S	Vulcanized rubber protective boot	\$9.20
12	Additional Order Details		
	Z	Without	N/C
	T	Additional text	N/C

TOTAL PRICE

Order Code:

DG-10 - - D 1 - - - Z Z -

*Additional order details _____

Type PSD-30 Pressure Transmitter with Integral LED Display and Programmable Solid-state Switches

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Switch outputs:** 2, PNP
- **Process connection:** 1/4 NPT Male
- **Electrical connection:** 5 pin locking plug M12 x 1



PSD-30 Part Numbers

Item Number	Description	Price
50709267	PSD-30 15 psi 4-20MA 1/4NPT P/P 5PLCK	\$341.75
50709275	PSD-30 25 psi 4-20MA 1/4NPT P/P 5PLCK	
50709283	PSD-30 50 psi 4-20MA 1/4NPT P/P 5PLCK	
50709321	PSD-30 100 psi 4-20MA 1/4NPT P/P 5PLCK	
50709330	PSD-30 200 psi 4-20MA 1/4NPT P/P 5PLCK	
50709356	PSD-30 500 psi 4-20MA 1/4NPT P/P 5PLCK	
50709364	PSD-30 2,000 psi 4-20MA 1/4NPT P/P 5PLCK	
50709372	PSD-30 3,000 psi 4-20MA 1/4NPT P/P 5PLCK	
50709381	PSD-30 5,000 psi 4-20MA 1/4NPT P/P 5PLCK	
50709402	PSD-30 -14.5 psi VAC 4-20MA 1/4NPT P/P 5PLCK	
50709411	PSD-30 -14.5/+100 psi 4-20MA 1/4NPT P/P 5PLCK	
50709496	PSD-30 100 psi 0-10V 1/4NPT P/P 5PLCK	

Note: "P/P" means dual PNP/PNP switches.
 N/N is NPN/NPN dual switches; single switches will show a single P or N in the description.

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

PSD-30 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$341.75	
			Additional price		
		Signal output			
1	Q	Dual PNP switch output + 4...20mA	N/C		
	R	Dual PNP switch output + 0...10V	N/C		
	V	Dual NPN switch output + 4...20mA	N/C		
	?	Other	on inquiry		
		Unit			
2	P	PSI (Selectable BAR/PSI/MPA/KPA/KG/cm2)	N/C		
	?	Other	on inquiry		
		Pressure reference			
3	G	Gauge	N/C		
	A	Absolute	\$28.75		
	V	Compound	\$28.75		
		Pressure range			
4	310	-14.5 psi...0	N/C		
	320	-14.5 psi...15 psi	N/C		
	351	-14.5 psi...60 psi	N/C		
	379	-14.5 psi...100 psi	N/C		
	415	-14.5 psi...200 psi	N/C		
	422	-14.5 psi...300 psi	N/C		
	310	0...15 psi 0...15 psia	N/C		
	317	0...25 psi 0...25 psia	N/C		
	321	0...30 psi 0...30 psia	N/C		
	335	0...50 psi 0...50 psia	N/C		
	369	0...100 psi 0...100 psia	N/C		
	411	0...160 psi 0...160 psia	N/C		
	414	0...200 psi 0...200 psia	N/C		
	421	0...300 psi 0...300 psia	N/C		
	434	0...500 psi	N/C		
	469	0...1,000 psi	N/C		
	514	0...2,000 psi	N/C		
	521	0...3,000 psi	N/C		
	534	0...5,000 psi	N/C		
	555	0...8,000 psi	N/C		
	???	Other	on inquiry		
			Process connection		
	5	NB	1/4" NPT	N/C	
		HD	G 1/4 A DIN 3852-E	N/C	
		TB	G 1/4 female	N/C	
		??	Other	on inquiry	
		Process seal ring (not required for NPT)			
6	C	Copper	N/C		
	S	Stainless steel	\$9.20		
	Z	Without	N/C		
	?	Other	on inquiry		

PSD-30 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Special design features			
7	Z	Without	N/C
	E	Oil and grease free	on inquiry
Electrical connection			
8	M5	5 pin locking plug M12x1	N/C
	??	Other	on inquiry
Instrument configuration			
9	W	Factory standard switch settings	N/C
	K	Customer specific switch settings	on inquiry
Approvals			
10	W	UL / CSA	on inquiry
	Z	Without	N/C

Special design features			
	YES	NO	
11	1	Z	Quality certificates
12	T	Z	Additional text

Order Code:

1 2 3 4 5 6 7 8 9 10 11 12
PSD-30 - - - - -

*Additional order details _____

TRONIC > Hazardous Area > E-10

Type E-10 Explosion-proof Pressure Transmitter Vacuum to 15,000 psi

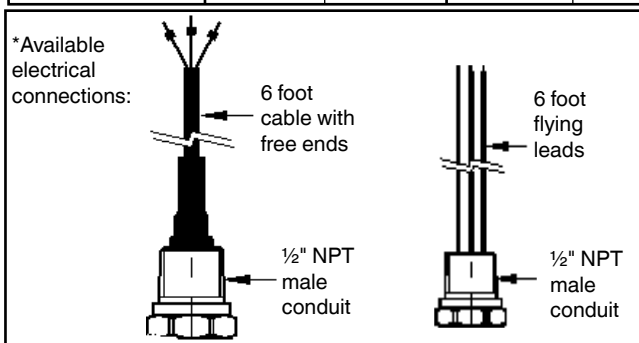
- **Signal output:** 4-20mA, 2-wire or 1-5 V 3-wire low power
- **Supply voltage:** 10-30 VDC or 6-30 VDC (low power version)
- **Process connection:** 1/4" or 1/2" NPT male
- **Electrical connection:** 1/2" male conduit with cable or flying leads



E-10 Part Numbers

To use this table, first find the required process connection (1/4" or 1/2" NPT male), then the signal output (4-20 mA or 1-5 V), electrical connection (cable or flying lead) and the required pressure range.

Pressure conn.	1/4" NPT male				1/2" NPT male			
	4-20 mA		1-5V 3-wire low power		4-20 mA		1-5V 3-wire low power	
Electrical conn.	1/2" NPT male conduit connection with:				1/2" NPT male conduit connection with:			
	6ft cable	6ft leads	6ft cable	6ft leads	6ft cable	6ft leads	6ft cable	6ft leads
Compound ranges								
List price	\$417.20	\$475.95	\$417.20	\$475.95	\$417.20	\$475.95	\$417.20	\$475.95
30"-0 inHg vac					4371130			
30"-0-30 psi	4217172	50333330			4365016	4365131	4365255	
30"-0-100 psi	50116703	50300150		4365026	4365149	4365271		
Gauge ranges								
List price	\$381.95	\$440.70	\$381.95	\$440.70	\$381.95	\$440.70	\$381.95	\$440.70
15 psi		50989333	50792261	50034669	4365034	4365157	4365289	4365386
60 psi	4363082	50989341		50437178	4365042	4365166	4365297	
100 psi	4363090	4363189	4363341	50391020	4365050	4365174	4365301	4365395
200 psi	4364844	50139061	4242150	4368653	4369633	50033948	50834967	4254174
300 psi	4363103	4363197	4363359	4368661	4365068	4365182	4365319	50707319
500 psi	4363111	4363200	4363367	4368679	4365076	4365190	4365327	4365408
1,000 psi	4363129	4363218	4363376	4365337	4365085	4365204	4365336	4365418
1,500 psi	4363137	4363226	4363384	4248337	4364169	4374130	4391256	4254166
2,000 psi	4363146	4363236	4363392	4368687	4365093	4365212	4365344	4254158
3,000 psi	4202506	4363244	4363406	4248329	4365106	4365220	4365352	4365425
5,000 psi	4363155	4363252	4363414	4394034	4365115	4365238	4365360	4365433
8,000 psi	4363163	4363260	50308696	50988906	50070568			50555022
10,000 psi	4363171		4363422	50136623	4365123	4365246	4365378	4260957
15,000 psi			4216673		50603914		4216681	50131613



NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Items without part numbers are available on special order.

E-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$381.95	
Signal output			Additional price		
1	A	4 ... 20 mA, 2-wire	N/C		
	K	1 ... 5 V, 3-wire	N/C		
	?	Other - please specify	on inquiry		
Unit					
2	P	psi	N/C		
	3	psi absolute	\$35.25		
	?	Other - please specify	on inquiry		
Pressure range					
3	CA	-30 inHg ... 0	\$35.25		
	CD	-30 inHg ... 30 psi	\$35.25		
	CF	-30 inHg ... 60 psi	\$35.25		
	CH	-30 inHg ... 100 psi	\$35.25		
	CL	-30 inHg ... 200 psi	\$ 35.25		
	CN	0 psi ... 5 psi	N/C		
	CP	0 psi ... 10 psi	N/C		
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C		
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C		
	BD	0 psi ... 30 psi	N/C		
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C		
	BE	0 psi ... 60 psi	N/C		
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C		
	BG	0 psi ... 160 psi	N/C		
	BH	0 psi ... 200 psi	N/C		
	DG	0 psi ... 250 psi	N/C		
	BI	0 psi ... 300 psi	N/C		
	DI	0 psi ... 500 psi	N/C		
	DJ	0 psi ... 750 psi	N/C		
	BN	0 psi ... 1,000 psi	N/C		
	BO	0 psi ... 1,500 psi	N/C		
	BP	0 psi ... 2,000 psi	N/C		
	BQ	0 psi ... 3,000 psi	N/C		
	BS	0 psi ... 5,000 psi	N/C		
	DS	0 psi ... 8,000 psi	N/C		
	BT	0 psi ... 10,000 psi	N/C		
	BU	0 psi ... 15,000 psi	N/C		
	??	Other - please specify	on inquiry		
	Process connection				
	4	NB	1/4" NPT	N/C	
		ND	1/2" NPT	N/C	
		??	Other - please specify	on inquiry	

E-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Special design features			
5	Z	Without	N/C
	L	Low power ¹⁾	N/C
	?	Other - please specify	on inquiry
Electrical connection			
6	2X	1/2" NPT male conduit with cable (NEMA 4/IP 67)	N/C
	3X	1/2" NPT male conduit with flying leads (NEMA 4/IP 67)	\$58.75
	DX	ATEX 1/2" male conduit with factory sealed cable (NEMA 4/IP 67)	on inquiry
	??	Other - please specify	on inquiry
Cable length			
7	6	6 feet	N/C
	?	Other - please specify	on inquiry
Approvals			
8	4	Ex d per ATEX (always with DX)	N/C
	7	Explosion-proof per FM and CSA (only with 2X, 3X)	N/C
Quality certificates			
9	Z	Without	N/C
	I	NIST Certificate of Calibration	\$64.65
Additional order details			
10	Z	Without	N/C
	T	Additional order details	on inquiry

1) Low power only with 1-5 V signal output (supply 6 ...30 V)

TOTAL PRICE

Order Code:

E-10 - ¹ - ² ³ - ⁴ - ⁵ **G** ⁶ ⁷ ⁸ - ⁹ ^{10*}

*Additional order details _____

Type E-11 Explosion-proof Flush Diaphragm Pressure Transmitter Vacuum to 5,000 psi

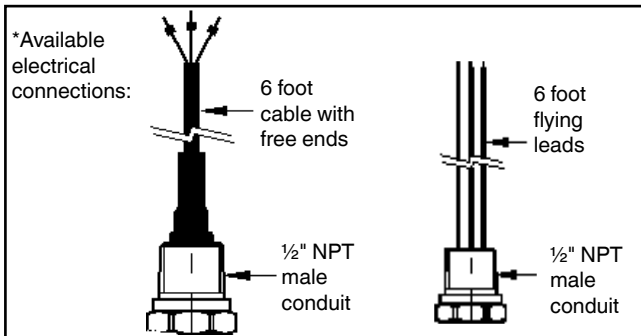
- **Signal output:** 4-20mA, 2-wire or 1-5 V 3-wire low power
- **Supply voltage:** 10-30 VDC or 6-30 VDC (low power version)
- **Process connection:** Non-clogging flush diaphragm G1B or G1/2B (depending on pressure)
- **Electrical connection:** 1/2" male conduit with cable or flying leads



E-11 Part Numbers

Pressure conn.	G1B or G1/2B ¹			
Signal output	4-20 mA		1-5V 3-wire low power	
Electrical conn.	1/2" NPT male conduit connection with:			
	6 ft cable*	6 ft leads*	6 ft cable	6 ft leads*
Compound ranges				
List price	\$452.45	\$511.20	\$452.45	\$511.20
30"-0-30 psi ¹	4373087			
30"-0-100 psi				
Gauge ranges				
List price	\$417.20	\$475.95	\$417.20	\$475.95
0-15 psi ¹	4365441	4235694	4365530	4365581
0-100 psi	4365459	4365492	4365548	4365599
0-200 psi	4252414	50045954		
0-500 psi	50132423			4365611
0-1,000 psi	4365467	4365506	4365556	4365629
0-1,500 psi	50132440			4365637
0-2,000 psi	50055712		4365646	
0-3,000 psi	4365476	4365514	4365565	4365654
0-5,000 psi	4365484	4365522	4365573	4365662

¹ G1B for E-11 15 psi and 30inHg vacuum ranges, G1/2B for ranges > 30 psi



NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Ready-to-ship part numbers are available from stock (subject to prior sale). Items without part numbers are available on special order.

E-11 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$417.20
		Signal output	Additional price	
1	A	4 ... 20 mA, 2-wire	N/C	
	K	1 ... 5 V, 3-wire	N/C	
	?	Other - please specify	on inquiry	
		Unit		
2	P	psi	N/C	
	3	psi absolute	\$35.25	
	?	Other - please specify	on inquiry	
		Pressure range		
3	CA	-30 inHg ... 0	\$35.25	
	CD	-30 inHg ... 30 psi	\$35.25	
	CF	-30 inHg ... 60 psi	\$35.25	
	CH	-30 inHg ... 100 psi	\$35.25	
	CL	-30 inHg ... 200 psi	\$35.25	
	CN	0 psi ... 5 psi	N/C	
	CP	0 psi ... 10 psi	N/C	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BG	0 psi ... 160 psi	N/C	
	BH	0 psi ... 200 psi	N/C	
	DG	0 psi ... 250 psi	N/C	
	BI	0 psi ... 300 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	DJ	0 psi ... 750 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BP	0 psi ... 2,000 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	BS	0 psi ... 5,000 psi	N/C	
	DS	0 psi ... 8,000 psi	N/C	
	??	Other - please specify	on inquiry	
		Process connection		
4	85	G1B, flush diaphragm with O-ring (up to 25 psi)	N/C	
	86	G1/2B, flush diaphragm with O-ring (≥ 30 psi)	N/C	
	?	Other - please specify	on inquiry	

E-11 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Material of wetted parts			
5	1	Stainless steel and O-ring from NBR	N/C
	L	Stainless steel and O-ring from Viton®	\$114.25
	?	Other- please specify	on inquiry
Special design features			
6	Z	Without	N/C
	L	Low power ¹⁾	N/C
Electrical connection			
7	2X	1/2" NPT male conduit with free ends (NEMA 4/IP 67)	N/C
	DX	1/2" NPT male conduit with factory sealed cable (NEMA 4 IP 67)	on inquiry
	3X	1/2" NPT male conduit with flying leads (NEMA 4 IP 67)	\$58.75
Cable length			
8	6	6 feet	N/C
	?	Other- please specify	on inquiry
Approvals			
9	4	Ex d per ATEX (always with DX)	N/C
	7	Explosion-proof per FM and CSA (always with 2X, 3X)	N/C
Quality certificates			
10	Z	Without	N/C
	I	NIST Certificate of Calibration	\$64.65
Additional order details			
11	Z	Without	N/C
	T	Additional order details	on inquiry

1) Low power only with 1-5 V signal output (supply 6 ...30 V)

TOTAL PRICE

Order Code:

1 2 3 4 5 6 7 8 9 10 11*
E-11 - - - - **G** -

*Additional order details _____

TRONIC > Hazardous Area > N-10

Type N-10 Non-incendive Pressure Transmitter Vacuum to 15,000 psi

Standard Features

- **Signal output:** 4-20 mA 2-wire or 1-5 V 3-wire
- **Supply voltage:** 10-30 DC
(6-30 VDC for 1-5 V version)
- **Process connection:** 1/4 NPT male
- **Electrical connection:** 1/2" NPT male conduit
with 6 foot cable



N-10 Part Numbers

Description			
Range	Part #		Price
	4-20 mA 2-wire	1-5 V 3-wire	
30" inHg vacuum	4348296	4354619	\$381.95
30"-0-30 psi	4348309	4354627	
30"-0-100 psi	4332431	4354636	
0-15 psi	4348317	4354644	\$346.80
0-30 psi	4348326	4354652	
0-60 psi	4348334	4354660	
0-100 psi	4348342	4354678	
0-200 psi	4348350	4354686	
0-300 psi	4348368	4354695	
0-500 psi	4346216	4354708	
0-1,000 psi	4332440	4354716	
0-1,500 psi	4338597	4354725	
0-2,000 psi	4348376	4354733	
0-3,000 psi	4347000	4354741	
0-5,000 psi	4347018	4354759	
0-8,000 psi	4348385	4354767	
0-10,000 psi	4348393	4354776	
0-15,000 psi	4348406	4354784	

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Items without part numbers are available on special order.

N-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$346.70
1	Signal output		Additional price	
	A	4 ... 20 mA, 2-wire	N/C	
	K	1 ... 5 V, 3-wire	N/C	
	?	Other - please specify	on inquiry	
2	Unit			
	P	psi	N/C	
	3	psi absolute	\$35.25	
	?	Other - please specify	on inquiry	
3	Pressure range			
	CA	-30 inHg ... 0	\$35.25	
	CD	-30 inHg ... 30 psi	\$35.25	
	CH	-30 inHg ... 100 psi	\$35.25	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BH	0 psi ... 200 psi	N/C	
	BI	0 psi ... 300 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BP	0 psi ... 2,000 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	BS	0 psi ... 5,000 psi	N/C	
	DS	0 psi ... 8,000 psi	N/C	
	BT	0 psi ... 10,000 psi	N/C	
	BU	0 psi ... 15,000 psi	N/C	
	??	Other - please specify	on inquiry	
4	Process connection			
	NB	1/4" NPT	N/C	
	??	Other - please specify	on inquiry	
5	Special design features			
	Z	Without	N/C	
	L	Low power ¹⁾	N/C	
?	Other - please specify	on inquiry		
6	Electrical connection			
	2X	1/2" NPT male conduit with cable (NEMA 4X/ IP 67)	N/C	
	M4	4 Pin locking plug M12x1 (NEMA 4/IP67)	on inquiry	
	??	Other - please specify	on inquiry	

N-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Cable length			
7	6	6 feet	N/C
	1	10 feet	\$1175
	2	20 feet	\$35.25
	3	30 feet	\$58.75
	?	Other - please specify	on inquiry
Approvals			
8	N	EEx nA II 3G T6 7 II 3D per ATEX (always with M4)	N/C
	F	FM, CSA non-incendive (always with 2X)	N/C
Quality certificates			
9	Z	Without	N/C
	I	NIST Certificate of Calibration	\$64.65
Additional order details			
10	Z	Without	N/C
	T	Additional order details	on inquiry

1) Low power only with 1-5 V signal output (supply 6 ...30 V).

TOTAL PRICE

Order Code:

N-10 - ¹ - ² ³ - ⁴ - ⁵ **G** ⁶ ⁷ ⁸ - ⁹ ^{10*}

*Additional order details _____

Type N-11 Non-incedive Flush Diaphragm Pressure Transmitter Vacuum to 8,000 psi

Standard Features

- **Signal output:** 4-20 mA 2-wire or 1-5 V 3-wire
- **Supply voltage:** 10-30 DC
(6-30 VDC for 1-5 V version)
- **Process connection:** G1B or G1/2B flush diaphragm depending on Pressure range
- **Electrical connection:** 1/2" NPT male conduit with 6 foot cable



N-11 Part Numbers

Range	Description		Price
	Part #		
	4-20 mA 2-wire	1-5 V 3-wire	
30"-0-30 psi	4372579		\$417.20
0-15 psi ¹	4354822	4354792	\$381.95
0-100 psi	4358428	4354806	
0-300 psi	4364410		
0-1,000 psi	4364690	4364428	
0-2,000 psi	4358436	4354814	
0-3,000 psi	4364509		

NOTES:

¹Pressure ranges from 50 inWC to 30 psi are supplied with G1B flush process connections. See datasheet for details.

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Items without part numbers are available on special order.

N-11 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$381.95
		Signal output	Additional price	
1	A	4 ... 20 mA, 2-wire	N/C	
	K	1 ... 5 V, 3-wire	N/C	
	?	Other - please specify	on inquiry	
		Unit		
2	P	psi	N/C	
	3	psi absolute	\$35.25	
	?	Other - please specify	on inquiry	
		Pressure range		
3	CA	-30 inHg ... 0	\$35.25	
	CD	-30 inHg ... 30 psi	\$35.25	
	CH	-30 inHg ... 100 psi	\$35.25	
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	
	BD	0 psi ... 30 psi	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
	BH	0 psi ... 200 psi	N/C	
	BI	0 psi ... 300 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	BN	0 psi ... 1,000 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BP	0 psi ... 2,000 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	BS	0 psi ... 5,000 psi	N/C	
	DQ	0 psi ... 6,000 psi	N/C	
	DR	0 psi ... 7,500 psi	N/C	
	DS	0 psi ... 8,000 psi	N/C	
	??	Other - please specify	on inquiry	
		Process connection		
4	85	G1B, flush diaphragm with O-ring (50 inWC to 25 psi)	N/C	
	86	G1/2B, flush diaphragm with O-ring (30 psi to 5,000 psi)	N/C	
		Material of wetted parts		
5	1	Stainless steel and O-ring from NBR	N/C	
	B	Stainless steel and O-ring from EPDM	N/C	
	L	Stainless steel and O-ring from Viton®	\$12.95	
	?	Other- please specify	on inquiry	
		Special design features		
6	Z	Without	N/C	
	L	Low power ¹⁾	N/C	
		Electrical connection		
7	2X	1/2" NPT male conduit with cable (NEMA 4X / IP 67)	N/C	
	M4	4 Pin locking plug M12x1 (NEMA 4/IP67)	on inquiry	
	??	Other- please specify	on inquiry	

N-11 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
8	Cable length		
	6	6 feet	N/C
	1	10 feet	\$11.75
	2	20 feet	\$35.25
	3	30 feet	\$58.75
9	Approvals		
	N	EEx nA II 3G T6 7 II 3D per ATEX (always with M4)	N/C
	F	FM, CSA (always with 2X)	N/C
10	Quality certificates		
	Z	Without	N/C
	I	NIST Certificate of Calibration	\$64.65
11	Additional order details		
	Z	Without	N/C
	T	Additional order details	on inquiry

1) Low power only available with 1-5 V signal output (supply 6 ...30 V)

TOTAL PRICE

Order Code: 1 2 3 4 5 6 7 8 9 10 11*

N-11 - - - - **G** -

*Additional order details _____

TRONIC > Hazardous Area > IS-20

Type IS-20 Intrinsically Safe Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** 1/2 NPT Male
- **Electrical connection:** DIN EN 175301-803 (DIN 43 650) with 1/2" NPT female conduit plug connector



IS-20-S Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-5 psi	12127851	\$471.85
0-10 psi	12127877	
0-15 psi	12127885	
0-25 psi	12127893	
0-30 psi	12127906	
0-60 psi	12127914	
0-100 psi	12127922	
0-160 psi	12127940	
0-200 psi	12127966	
0-300 psi	12127974	
0-500 psi	12127982	
0-1,000 psi	12128040	
0-1,500 psi	12128058	
0-2,000 psi	12128066	
0-3,000 psi	12128074	
0-5,000 psi	12128104	
0-8,000 psi	12128112	
0-10,000 psi	12128121	

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Vacuum & Compound Ranges		
Description		
Range	Part #	Price
30 inHg vac	12127796	\$555.85
30 inHg/30 psi	12127833	
30 inHg/60 psi	12127841	

Absolute Pressure Ranges		
Description		
Range	Part #	Price
0-100 psia	12128147	\$555.85

IS-20-F Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0 - 100 psi	12128554	\$626.95
0 - 1,000 psi	12128687	
0 - 3,000 psi	12128732	

IS-20 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	
Model				
1	S	Standard version	\$471.85	
	F	With integral junction Box		\$626.95
	H	High pressure version		\$1,926.00
			Additional price	
Unit				
2	P	psi	N/C	
	N	InWC	N/C	-
	3	psi absolute	\$84.05	-
	?	Other - please specify	on inquiry	-
Pressure range				
3	CA	-30 inHg ... 0	\$84.05	-
	CD	-30 inHg ... 30 psi	\$84.05	-
	CF	-30 inHg ... 60 psi	\$84.05	-
	CH	-30 inHg ... 100 psi	\$84.05	-
	CK	-30 inHg ... 160 psi	\$84.05	-
	CL	-30 inHg ... 200 psi	\$84.05	-
	GG	0 InWC ... 50 InWC	N/C	-
	GU	0 InWC ... 100 InWC	N/C	-
	CN	0 psi ... 5 psi	N/C	-
	CP	0 psi ... 10 psi	N/C	-
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C	-
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C	-
	BD	0 psi ... 30 psi	N/C	-
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C	-
	BE	0 psi ... 60 psi	N/C	-
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	-
	BG	0 psi ... 160 psi	N/C	-
	BH	0 psi ... 200 psi	N/C	-
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C	-
	BI	0 psi ... 300 psi	N/C	-
	BK	0 psi ... 400 psi	N/C	-
	DI	0 psi ... 500 psi	N/C	-
	BL	0 psi ... 600 psi	N/C	-
	DJ	0 psi ... 750 psi	N/C	-
	BN	0 psi ... 1,000 psi	N/C	-
	BO	0 psi ... 1,500 psi	N/C	-
	BP	0 psi ... 2,000 psi	N/C	-
	BQ	0 psi ... 3,000 psi	N/C	-
	BS	0 psi ... 5,000 psi	N/C	-
	DS	0 psi ... 8,000 psi	N/C	-
	BT	0 psi ... 10,000 psi	N/C	-
	BU	0 psi ... 15,000 psi	N/C	-
??	Other-up to maximum specified pressure range	on inquiry	-	
	0 psi ... 25,000 psi	-	on inquiry	
	0 psi ... 60,000 psi	-	on inquiry	
	0 psi ... 75,000 psi	-	on inquiry	
	0 psi ... 85,000 psi	-	on inquiry	
	0 psi ... 100,000 psi	-	on inquiry	
	0 psi ... 115,000 psi	-	on inquiry	

IS-20 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price		
Process connection					
	GB	G 1/4 B	N/C	-	
	GD	G 1/2 B	N/C	-	
	NB	1/4 NPT	N/C	-	
	ND	1/2 NPT	N/C	-	
	CS	Diaphragm seal - <i>price see diaphragm seal</i>	N/C	-	
	ML	M16 x 1.5 female, w/sealing cone <i>only for pressure range over 24,000 psi</i>	-	N/C	
	VZ	9/16 - 18 UNF female F250-C <i>only for pressure range over 24,000 psi</i>	-	N/C	
	MP	M20 x 1.5 female, w/sealing cone <i>only for pressure range over 24,000 psi</i>	-	N/C	
4	??	Other - please specify	on inquiry	-	
Special design features					
	Z	Without	N/C		
	G	Suitable for food	\$58.20	-	
	A	Oxygen, oil and grease free ¹⁾	on inquiry	-	
5	?	Other - please specify	on inquiry	-	
Accuracy					
	G	+/- 0.25% B.F.S.L.	N/C		
6	K	+/- 0.125% B.F.S.L. (≥ 100 inWC)	\$45.25	-	
Electrical connection					
	AX	4 Pin L-plug DIN 43 650 with 1/2" NPT female conduit (NEMA 5/IP 65)	N/C	-	N/C
	A4	4 Pin L-plug DIN 43 650 with Pg 9 (NEMA 5 / IP 65)	\$5.95	-	\$5.95
	DL	Cable with free ends (NEMA 4 / IP 67)	\$62.05	-	\$62.05
	XM	Submersible cable (NEMA 6 / IP 68)	\$161.60	-	\$161.60
	O4	4 Pin MIL plug PT02E-8-4P (NEMA 5 / IP 65)	\$84.05	-	\$84.05
	C6	6 Pin MIL plug PT02E-10-6P (NEMA 5 / IP 65)	\$84.05	-	\$84.05
	FE	1/2" NPT female conduit (IP67)	-	N/C	\$109.90
	FH	Nickel plated brass cable gland (IP68)	-	N/C	\$109.90
	FC	Stainless steel cable gland (IP68)	-	\$38.80	\$1,300.05
7	??	Other - please specify	on inquiry		
Cable length					
	Z	Without (always with plug connection)		N/C	
	Y	5 feet	N/C	-	N/C
	1	10 feet	\$12.95	-	\$11.75
	2	20 feet	\$38.80	-	\$38.80
	3	30 feet	\$64.65	-	\$64.65
	4	40 feet	\$90.50	-	\$90.50
	5	50 feet	\$116.35	-	\$116.35
8	?	Other - please specify	on inquiry		
Temperature range of medium					
	U	-20 ... +80 °C (-4 ... +176 °F)	N/C		
	8	-40 ... +150 °C (-40 ... +302 °F)	\$103.40	-	
9	9	-40 ... +200 °C (-40 ... +392 °F)	\$155.10	-	

IS-20 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price		
SIL2					
10	Z	Without	N/C		
	S	SIL2 according to IEC61508 / IEC61511	\$59.85		
Approvals					
11	1	EEx ia I M1 + 1/2G, 2G incl. FM, CSA & ATEX	N/C		
	A	EEx ia II C T6 1/2G, 2G per ATEX incl. FM & CSA ²⁾	N/C		
	D	EEx IP6X 1/2D, 2D + 1/2 G, 2G +M1 per ATEX incl. FM and CSA ^{3) 4)}	N/C	-	N/C
	S	EEx ia II C T6 1/2G per ATEX incl. FM, CSA and ship approval GL	\$51.70	-	
	Quality certificates				
12	Z	Without	N/C		
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$71.10		
Digital display					
13	Z	Without	N/C		
	1	Digital display (order separately)	on inquiry		
Additional order details					
14	Z	Without	N/C		
	T	Additional order details	on inquiry		

NOTES:

- 1) Maximum media temperature is -4 ... +140° F (-20 ... +60° C)
Pressure ranges 100 InWC to 300 psi (Field 5, Code A)
- 2) Only available in MIL Plug version (Field 7, Codes O4 and C6)
- 3) Only available in IP68 version
- 4) Maximum media temperature is -4 ... +176° F (-20 ... +80° C) (Field 9, Code U)

TOTAL PRICE

Order Code:

1
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14*

IS-20 - - - - **A** -

*Additional order details _____

Type IS-21 Intrinsically Safe Flush Diaphragm Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 DC
- **Process connection:** G1B or G1/2B depending upon pressure range
- **Electrical connection:** DIN EN 175301-803 (DIN 43 650) with 1/2" NPT female conduit plug connector



IS-21-S Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-5 psi ¹	12128252	\$536.45
0-10 psi ¹	12128287	
0-15 psi ¹	12128295	
0-30 psi ¹	12128325	
0-50 psi	12128333	
0-100 psi	12128368	
0-1,000 psi	12128376	
0-3,000 psi	12128481	
0-5,000 psi	12128503	
0-8,000 psi	12128538	

NOTE:

¹Pressure ranges from 50 inWC to 30 PSI are supplied with G1B flush process connections; see datasheet for details

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

IS-21 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price
1	Model		
	S	Standard version	\$536.45
	F	Field case / integral junction box	\$691.60
2	Unit		Additional price
	P	psi	N/C
	N	InWC	N/C
	3	psi absolute (from 15 psi to 250 psi absolute)	\$84.05
	?	Other - please specify	on inquiry
	Pressure range		
	CA	-30 inHg ... 0	\$84.05
	CD	-30 inHg ... 30 psi	\$84.05
	CF	-30 inHg ... 60 psi	\$84.05
	CH	-30 inHg ... 100 psi	\$84.05
	CK	-30 inHg ... 160 psi	\$84.05
	CL	-30 inHg ... 200 psi	\$84.05
	GG	0 InWC ... 50 InWC	N/C
	GU	0 InWC ... 100 InWC	N/C
	CN	0 psi ... 5 psi	N/C
	CP	0 psi ... 10 psi	N/C
	BC	0 psi ... 15 psi (0 psi ... 15 psi absolute)	N/C
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C
	BD	0 psi ... 30 psi	N/C
	DA	0 psi ... 50 psi (0 psi ... 50 psi absolute)	N/C
BE	0 psi ... 60 psi	N/C	
BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C	
BG	0 psi ... 160 psi	N/C	
BH	0 psi ... 200 psi	N/C	
DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C	
BI	0 psi ... 300 psi	N/C	
DI	0 psi ... 500 psi	N/C	
BL	0 psi ... 600 psi	N/C	
DJ	0 psi ... 750 psi	N/C	
BN	0 psi ... 1,000 psi	N/C	
BO	0 psi ... 1,500 psi	N/C	
BP	0 psi ... 2,000 psi	N/C	
BQ	0 psi ... 3,000 psi	N/C	
BS	0 psi ... 5,000 psi	N/C	
DS	0 psi ... 8,000 psi	N/C	
3	?3	Other-up to maximum specified pressure range	on inquiry

IS-21 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price	
Process connection				
4	85	G 1 B, flush diaphragm with O-ring (up to 25 psi)	N/C	
	86	G 1/2 B, flush diaphragm with O-ring (≥ 30 psi)	N/C	
	??	Other - please specify	on inquiry	
Material of wetted parts				
5	1	Stainless steel, NBR O-ring ¹⁾	N/C	
	L	Stainless steel, Viton® O-ring	\$14.35	
	S	Hastelloy® C4, Viton® O-ring	\$232.70	
	?	Other - please specify	on inquiry	
Special design features				
6	Z	Without	N/C	
	G	Suitable for food	\$58.20	
	?	Other - please specify	on inquiry	
Accuracy				
7	G	+/- 0.25% B.F.S.L.	N/C	
	K	+/- 0.125% B.F.S.L. (≥ 100 inWC)	\$45.25	
Electrical connection				
8	A4	4 Pin L-plug DIN 43 650 with pg 9 (NEMA 5 / IP 65)	N/C	-
	AX	4 Pin L-plug DIN 43 650 with 1/2" NPT female conduit (NEMA 5 / IP 65)	\$5.95	-
	DL	Cable with free ends (NEMA 4 / IP 67)	\$62.05	-
	XM	Submersible cable (NEMA 6 / IP 68)	\$161.60	-
	O4	4 Pin MIL Plug PT02E-8-4P (NEMA 5 / IP 65)	\$84.05	-
	C6	6 Pin MIL Plug PT02E-10-6P (NEMA 5 / IP 65)	\$84.05	-
	FE	1/2" NPT female conduit (IP67)	-	N/C
	FH	Nickel plated brass cable gland (IP68)	-	N/C
	FC	Stainless steel cable gland (IP68)	-	\$38.80
	??	Other - please specify	on inquiry	-
Cable length				
9	Z	Without (always with plug version)	N/C	
	Y	5 feet	N/C	-
	1	10 feet	\$12.95	-
	2	20 feet	\$38.80	-
	3	30 feet	\$64.65	-
	4	40 feet	\$90.50	-
	5	50 feet	\$116.35	-
	?	Other - please specify	on inquiry	-

IS-21 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Temperature range of medium			
10	U	-20 ... +80 °C (-4 ... +176 °F)	N/C
	C	-20 ... +150 °C (-4 ... +302 °F) with cooling element	on inquiry
SIL2			
11	Z	Without	N/C
	S	SIL2 according to IEC61508 / IEC61511	\$59.85
Approvals			
12	1	EEx ia I M1 + 1/2G, 2G incl. FM, CSA & ATEX	N/C
	A	EEx ia II C T6 1/2G, 2G per ATEX incl. FM & CSA ²⁾	N/C
	D	EEx IP6X 1/2D, 2D + 1/2 G, 2G +M1 per ATEX incl. FM and CSA ^{3) 4)}	N/C
	S	EEx ia II C T6 1/2G per ATEX incl. FM, CSA and ship approval GL	\$51.70
	Quality certificates		
13	Z	Without	N/C
	I	NIST Certificate of Calibration (always with 0.125% accuracy)	\$71.10
	?	Other - please specify	on inquiry
Digital display			
14	Z	Without	N/C
	1	Digital display (order separately)	on inquiry
Additional order details			
15	Z	Without	N/C
	T	Additional order details	N/C

NOTES:

- 1) Not available with cooling element option (Field 10, Code C)
- 2) Only available in MIL Plug version (Field 8, Codes O4 and C6)
- 3) Only available in IP68 version
- 4) Maximum media temperature is -4 ... +176° F (-20 ... +80°C) (Field 10, Code U)

TOTAL PRICE

Order Code: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15*

IS-21 - - - - **A** -

*Additional order details _____

TRONIC > Submersible Liquid Level > LS-10

Type LS-10 Submersible Liquid Level Transmitter 100 InWC to 100 psi

See pages 84 and 85 for additional accessories for this item.

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** G1/2B with removable protective cap
- **Electrical connection:** Vented polyurethane cable (must specify length)

Important Ordering Instructions: Specify the level transmitter part number and cable length part number corresponding to the total required cable length. For example, a 100 InWC level transmitter with 40 feet of cable should be ordered as 4262761/4347931 with a list price of \$539.45



Pressure range part number AND cable length part number must be specified on every order!

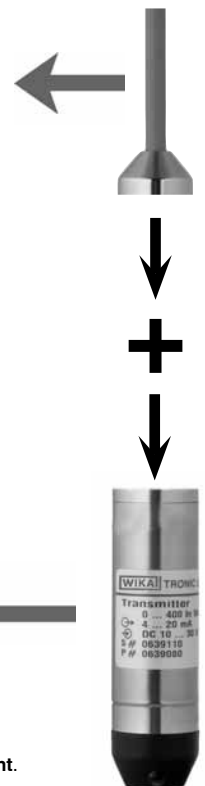
Cable Length Part Numbers

Cable Length Selector								
Length	Part#	Price	Length	Part #	Price	Length	Part #	Price
5 feet	4347868	included	60 feet	4347974	\$177.75	130 feet	4348075	\$404.00
10 feet	4347876	\$16.15	65 feet	4347982	\$193.90	140 feet	4348083	\$436.30
15 feet	4347885	\$32.30	70 feet	4347990	\$210.05	150 feet	4348091	\$468.60
20 feet	4347893	\$48.50	75 feet	4348006	\$226.20	160 feet	4348105	\$500.95
25 feet	4347906	\$64.65	80 feet	4348016	\$242.40	170 feet	4348113	\$533.15
30 feet	4347915	\$80.80	85 feet	4348024	\$258.55	180 feet	4348121	\$565.15
35 feet	4347923	\$96.95	90 feet	4348032	\$274.70	190 feet	4348139	\$597.85
40 feet	4347931	\$113.10	95 feet	4360903	\$290.85	200 feet	4348147	\$630.20
45 feet	4347949	\$129.30	100 feet	4348040	\$307.00	250 feet	4364479	\$791.80
50 feet	4347957	\$145.45	110 feet	4348058	\$234.75	300 feet	4366340	\$953.40
55 feet	4347966	\$161.60	120 feet	4348066	\$371.65	Contact factory for lengths over 300 feet		

LS-10 Standard Ranges

Gauge Ranges		
Description		
Range	Part #	Price
0-100 inWC	4262761	\$451.15
0-150 inWC	4262779	
0-250 inWC	4262787	
0-400 inWC	4262795	
0-5 psi	4262809	
0-10 psi	4262817	
0-15 psi	4262825	
0-25 psi	4262833	
0-30 psi	4262841	
0-50 psi	4262850	
0-100 psi	4262868	

NOTE: Stock items shown in **bold print**.



NOTE: LS-10 "Ready-to-Ship" submersible transmitters require assembly from factory stocked components and usually ship in three days or less.

For full specifications, visit www.wika.com to download datasheet LS-10 or call 1-800-652-5803

TRONIC > Submersible Liquid Level > LH-10

Type LH-10 Submersible High Performance Liquid Level Transmitter 50 InWC to 400 psi

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** G1/2B with removable protective cap
- **Electrical connection:** 40 ft. vented polyurethane cable

LH-10 Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-50 inWC	9699703	\$639.90
0-100 inWC	9699711	
0-150 inWC	9699729	
0-250 inWC	9699737	
0-400 inWC	9699745	
0-5 psi	8371846	
0-10 psi	9699754	
0-15 psi	9736225	
0-25 psi	9699762	
0-50 psi	9699770	
0-100 psi	9699788	



Ready-to-ship part numbers in **bold print** are available from stock (subject to prior sale). Items without part numbers are available on special order.

LH-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$525.80	
			Additional price		
		Signal output			
1	A	4 ... 20 mA, 2-wire	N/C		
	B	0 ... 20 mA, 3-wire	\$84.05		
	F	0 ... 10 V, 3-wire (Supply 14-30 V)	\$84.05		
	G	0 ... 5 V, 3-wire	\$84.05		
	S	0.5 ... 2.5 V, 3-wire	\$84.05		
	?	Other - please specify	on inquiry		
		Unit			
2	P	psi	N/C		
	N	InWC	N/C		
	?	Other - please specify	on inquiry		
		Pressure range			
3	GG	0 InWC ... 50 InWC	N/C		
	GU	0 InWC ... 100 InWC	N/C		
	GV	0 InWC ... 150 InWC	N/C		
	GW	0 InWC ... 250 InWC	N/C		
	GX	0 InWC ... 400 InWC	N/C		
	CN	0 psi ... 5 psi	N/C		
	CP	0 psi ... 10 psi	N/C		
	BC	0 psi ... 15 psi	N/C		
	CQ	0 psi ... 25 psi	N/C		
	DA	0 psi ... 50 psi	N/C		
	BF	0 psi ... 100 psi	N/C		
	BG	0 psi ... 160 psi	N/C		
	BH	0 psi ... 200 psi	N/C		
	DG	0 psi ... 250 psi	N/C		
	BI	0 psi ... 300 psi	N/C		
	BK	0 psi ... 400 psi	N/C		
	??	Other - please specify	on inquiry		
			Process connection		
	4	GD	G 1/2 B	N/C	
		??	Other - please specify	on inquiry	
		Special design features			
5	Z	Without	N/C		
	K	FEP cable	\$84.05		
	O	Lightning protection according to EN 61000-4-5 ¹⁾	\$96.95		
	J	Temperature measurement Pt 100, 4-wire ¹⁾	\$161.60		
	Y	Lightning protection and Pt. 100 ¹⁾	\$258.55		
	2	Hastelloy® C4 ²⁾	\$290.85		
?	Other - please specify	on inquiry			

1) Only with Pur (polyurethane) cable

2) Only with FEP (Teflon®) cable

LH-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Pur	FEP
Cable length				
	Y	5 feet	N/C	
	1	10 feet	\$16.15	\$22.65
	2	20 feet	\$48.50	\$67.85
	3	30 feet	\$80.80	\$113.10
	4	40 feet	\$113.10	\$158.35
	5	50 feet	\$145.45	\$203.60
6	?	Other - price per foot: Polyurethane: \$3.25, FEP: \$4.50	on inquiry	
Additional price				
Quality certificates				
7	Z	Without	N/C	
Digital display				
8	Z	Without	N/C	
Additional order details				
	Z	Without	N/C	
9	T	Additional order details	on inquiry	

- 1) FEP (Fluorinated Ethylene Propylene), also known by the Dupont trade name of Teflon®
- 2) Must use G 1/4 B Female process connection

TOTAL PRICE

Order Code:

1 2 3 4 5 6 7 8 9*
LH-10 - - - - -

*Additional order details _____

TRONIC > Submersible Liquid Level > IL-10

Type IL-10 Intrinsically Safe High Performance Submersible Liquid Level Transmitter 50 inWC to 400 psi

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 10-30 VDC
- **Process connection:** G 1/2 B



IL-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$807.95
1	Unit		Additional price	
	P	psi	N/C	
	N	InWC	N/C	
	?	Other - please specify	on inquiry	
2	Pressure range			
	GG	0 inWC ... 50 inWC	N/C	
	GU	0 inWC ... 100 inWC	N/C	
	GV	0 inWC ... 150 inWC	N/C	
	GW	0 inWC ... 250 inWC	N/C	
	GX	0 inWC ... 400 inWC	N/C	
	CN	0 psi ... 5 psi	N/C	
	CP	0 psi ... 10 psi	N/C	
	BC	0 psi ... 15 psi	N/C	
	CQ	0 psi ... 25 psi	N/C	
	BD	0 psi ... 30 psi	N/C	
	BE	0 psi ... 60 psi	N/C	
	BF	0 psi ... 100 psi	N/C	
	BG	0 psi ... 160 psi	N/C	
	BH	0 psi ... 200 psi	N/C	
	BI	0 psi ... 300 psi	N/C	
	BK	0 psi ... 400 psi	N/C	
		??	Other - please specify	on inquiry
3	Process connection			
	GD	G 1/2 B	N/C	
	??	Other - please specify	on inquiry	

IL-10 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price	
Special design features				
4	Z	Without	N/C	
	2	Hastelloy® C4 ²⁾	\$290.85	
	K	FEP cable ¹⁾	\$84.05	
	?	Other - please specify	on inquiry	
Accuracy				
5	G	+/- 0.25% B.F.S.L.	N/C	
	K	+/- 0.125% B.F.S.L.	\$64.65	
			Cable material	PUR FEP
Cable length				
6	Y	5 feet	N/C	
	1	10 feet	\$16.15	\$22.65
	2	20 feet	\$48.50	\$67.85
	3	30 feet	\$80.80	\$113.10
	4	40 feet	\$113.10	\$158.35
	5	50 feet	\$145.45	\$203.60
	?	Other - (PUR cable \$3.25 per ft., FEP cable \$4.50 per ft.)	on inquiry	
	Approvals			
7	2	EEx IP6X 1D, 1G, M1 per ATEX incl. FM and CSA	N/C	
	U	EEx IP6X 1D, 1G, M1 per ATEX incl. FM, CSA and ship approval GL	\$49.43	
	?	Other - please specify	on inquiry	
Quality certificates				
8	Z	Without	N/C	
	1	Other - please specify	on inquiry	
Digital display				
9	Z	Without	N/C	
Additional order details				
10	Z	Without	N/C	
	T	Additional order details	on inquiry	

1) FEP (Fluorinated Ethylene Propylene), also known by the Dupont trade name of Teflon®

2) Must use G 1/4 B Female process connection

TOTAL PRICE

Order Code:

1 2 3 4 5 6 7 8 9 *10

IL-10 - A - - - -

*Additional order details _____

TRONIC > Special Purpose > MH-2

Type MH-2 Mobile Hydraulic Pressure Transmitter 1,000 psi to 8,000 psi



Note: 50 piece minimum order quantity applies.

MH-2 Smart Codes for Custom Order Configurations			
Field no.	Code	Feature	Base price
			\$126.70
1	Signal output		Additional price
	A	4 ... 20 mA, 2-wire	N/C
	K	1 ... 5 V, 3-wire	N/C
	F	0 ... 10, 3-wire	N/C
	W	0.5-4.5V ratiometric	N/C
	?	Other - please specify	on inquiry
2	Unit		
	P	psi	N/C
	?	Other - please specify	on inquiry
3	Pressure range		
	BN	0 psi ... 1,000 psi	N/C
	BO	0 psi ... 1,500 psi	N/C
	BQ	0 psi ... 3,000 psi	N/C
	BS	0 psi ... 5,000 psi	N/C
	DS	0 psi ... 8,000 psi	N/C
	??	Other - please specify	on inquiry
4	Process connection		
	NB	1/4" NPT	N/C
	UA	7/16-20 UNF SAE #4 J514 male	N/C
	GB	G 1/4 B	N/C
	HD	G 1/4 B DIN 3852-E	N/C
	HN	M 14x1.5 DIN 3852-E	N/C
	??	Other - please specify	on inquiry
5	Case material		
	M	Fiberglass reinforced ABS plastic (PBT)	N/C
	V	Stainless steel	\$10.45

MH-2 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Electrical connection			
	M4	4 Pin locking plug M12 x 1 (NEMA 4/IP67)	N/C
	R3	Metri-pack series 150 3-Pin (NEMA 4/IP67)	N/C
	V4	4 Pin bayonet connector (IP69K high pressure steam protection) DIN 72 585	N/C
	G3	Deutsch 3 Pin DT04-3P	N/C
	S3	AMP superseal 1.5 3 Pin (NEMA 4/IP67)	N/C
	FN	Cable with free ends (IP 69K high pressure steam protection)	\$23.25
6	??	Other - please specify	on inquiry
Cable length			
	Z	Without (always with plug version)	N/C
	A	0.5 meter (1.6 feet)	N/C
	B	2 meter (6.5 feet)	\$6.45
	G	5 meter (16.4 feet)	\$19.40
7	?	Other - (2.50 per meter)	on inquiry
Quality certificates			
	Z	Without	N/C
8	1	Other - please specify	on inquiry
Digital display			
	Z	Without	N/C
9	1	Other display (order separately)	on inquiry
Additional order details			
	Z	Without	N/C
10	T	Additional order details	on inquiry

Note: 50 piece minimum order quantity applies.

TOTAL PRICE

Order Code:

1 2 3 4 5 6 7 8 9 10*

MH-2 - - - - **Z** -

*Additional order details _____

TRONIC > Special Purpose > UT-10, IUT-10

Type UT-10 UniTrans® Universal Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 12-36 VDC
- **Process connection:** 1/2" NPT male
- **Electrical connection:** M20 x 1.5 cable gland with internal terminal block

UT-10 Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-5 psi	4292333	
0-25 psi	4292341	
0-100 psi	4292350	
0-250psi	4292368	
0-500 psi	4292376	\$840.25
0-1,500 psi	4292384	
0-3,000 psi	4292392	
0-7,500 psi	4292406	
0-15,000 psi	4292414	



Ready-to-ship part numbers in **bold print** are available from stock (subject to prior sale). Items without part numbers are available on special order.

Type IUT-10 Intrinsically Safe UniTrans®

Contact factory for pricing information

UT-10 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$711.00
1	P	psi	N/C	
	?	Other - please specify	on inquiry	
	Pressure range			
2	CN	0 psi ... 5 psi	N/C	
	CQ	0 psi ... 25 psi	N/C	
	BF	0 psi ... 100 psi	N/C	
	DG	0 psi ... 250 psi	N/C	
	DI	0 psi ... 500 psi	N/C	
	BO	0 psi ... 1,500 psi	N/C	
	BQ	0 psi ... 3,000 psi	N/C	
	DR	0 psi ... 7,500 psi	N/C	
	BU	0 psi ... 15,000 psi	N/C	
	??	Other - please specify	on inquiry	
3	Process connection			
	GD	G 1/2 B	N/C	
	ND	1/2" NPT	N/C	
??	Other - please specify	on inquiry		
4	Special design features			
	Z	Without	N/C	
	G	Suitable for food	\$58.20	
	A	Oxygen, oil and grease free	\$96.95	
?	Other - please specify	on inquiry		
5	Case material			
	M	Fiberglass reinforced ABS plastic(PBT)	N/C	
A	Aluminum with 3/4" female conduit	\$96.95		
6	Electrical connection			
	A	Cable gland M20x1.5 with internal terminal block	N/C	
	M	4 Pin locking plug M12 x 1	\$84.05	
	C	3/4" NPT female conduit (only with aluminum case)	N/C	
?	Other - please specify	on inquiry		
7	Digital display			
	A	With integrated 4 digit LCD-display	\$ 129.30	
	F	With integrated 4 digit LCD-display & plastic window	on inquiry	
Z	Without	N/C		
8	Approvals			
	Z	Without	N/C	
?	Other - please specify	on inquiry		
9	Quality certificates			
	Z	Without	N/C	
I	NIST Certificate of Calibration	on inquiry		
10	Additional order details			
	Z	Without	N/C	
T	Additional order details	on inquiry		

TOTAL PRICE

Order Code:

1 2 3 4 5 S 6 7 8 9 10 *

UT-10 - A - - - **S** -

*Additional order details _____

TRONIC > Special Purpose > UT-11, IUT-11

Type UT-11 UniTrans® Flush Diaphragm Universal Pressure Transmitter

Standard Features

- **Signal output:** 4-20 mA 2-wire
- **Supply voltage:** 12-36 VDC
- **Process connection:** G1B, G1/2B¹
- **Electrical connection:** M20 x 1.5 cable gland with internal terminal block



UT-11 Part Numbers

Gauge Ranges		
Description		
Range	Part #	Price
0-5 psi ¹	4292006	\$898.40
0-25 psi	4292014	
0-100 psi	4292022	
0-250psi	4292031	
0-500 psi	4292040	
0-1,500 psi	4292058	
0-3,000 psi	4292066	
0-7,500 psi	4292074	

NOTE 1) G1B for 5 psi range, G1/2B for ranges \geq 25 psi.

Type IUT-11 Intrinsically Safe UniTrans®

Contact factory for pricing information

UT-11 Smart Codes for Custom Order Configurations

Field no.	Code	List price	\$769.15
	Unit		
1	P	psi	N/C
	3	psi absolute	\$84.05
	?	Other - please specify	on inquiry
	Pressure range		Add. price
2	CN	0 psi ... 5 psi	N/C
	CQ	0 psi ... 25 psi (0 psi ... 25 psi absolute)	N/C
	BF	0 psi ... 100 psi (0 psi ... 100 psi absolute)	N/C
	DG	0 psi ... 250 psi (0 psi ... 250 psi absolute)	N/C
	DI	0 psi ... 500 psi	N/C
	BO	0 psi ... 1,500 psi	N/C
	BQ	0 psi ... 3,000 psi	N/C
	DR	0 psi ... 7,500 psi	N/C
	??	Other - please specify	on inquiry
	Process connection		
3	85	G 1 B, flush diaphragm with O-ring (up to 25 psi)	N/C
	86	G 1/2 B, flush diaphragm with O-ring (> than 25 psi)	N/C
	??	Other - please specify	on inquiry
	Material of wetted parts		
4	1	Stainless steel, NBR O-ring	N/C
	S	Hastelloy® C4, Viton® O-ring	\$252.10
	?	Other - please specify	on inquiry
	Special design features		
5	G	Suitable for food	\$58.20
	Z	Without	N/C
	Case material		
6	M	Fiberglass reinforced ABS plastic(PBT)	N/C
	A	Aluminum with 3/4" NPT female conduit	\$96.95
	Electrical connection		
7	A	Cable gland M20x1.5 with internal terminal block	N/C
	M	4 pin locking plug M12 x 1	\$84.05
	C	3/4" NPT female conduit (only with aluminum case)	N/C
	?	Other - please specify	on inquiry
	Digital display		
8	A	With integrated 4 digit LCD-display	\$129.25
	F	With integrated 4 digit LCD-display & plastic window	on inquiry
	Z	Without	N/C
	Approvals		
9	Z	Without	N/C
	?	Other - please specify	on inquiry
	Quality certificates		
10	Z	Without	N/C
	I	NIST Certificate of Calibration	on inquiry
	Additional order details		
11	Z	Without	N/C
	T	Additional order details	on inquiry

TOTAL PRICE

Order Code: 1 2 3 4 5 6 S 7 8 9 10 11*
UT-11 - A - **-** **-** **S** **-**

*Additional order details _____

TRONIC > Special Purpose > HP-2

Type HP-2 Industrial Pressure Transmitter



Standard Features

- **Signal output:** 4-20 mA, 0 ... 10 V, etc.
- **Supply voltage:** 10-30 VDC (14-30 VDC for 0-10V)
- **Pressure connection:** M16 x 1.5 female, M20 x 1.5 female
9/16-18 UNF female F250-C
- **Electrical connection:** DIN 175301-803 L-connector,
M12 x 1 circular connector,
flying leads, etc.

HP-2 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$1,055.00
1	Type		Additional price	
	S	Standard	N/C	
	D	With DIPS (Diaphragm Impact Protection System)	\$703.15	
2	E	With EPS (Exchange Pressure Connection)	\$703.15	
	Non-linearity			
3	G	0.25% (B.F.S.L.)	N/C	
	Unit			
	B	bar	\$38.80	
4	P	psi	\$38.80	
	E	MPa	\$38.80	
5	Pressure reference			
	G	Relative	N/C	
5	Pressure range			
	616	0 ... 1,600 bar	N/C	
	625	0 ... 2,500 bar	N/C	
	640	0 ... 4,000 bar	\$117.40	
	650	0 ... 5,000 bar	\$704.30	
	660	0 ... 6,000 bar	\$1,291.00	
	670	0 ... 7,000 bar	\$1,878.00	
	680	0 ... 8,000 bar	\$2,465.00	
	710	0 ... 10,000 bar	\$4,813.00	

HP-2 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$1,055.00
Process connection			Additional price	
6	ML	M16 x 1.5 female with sealing cone	N/C	
	MP	M20 x 1.5 female with sealing cone	N/C	
	VZ	9/16 - 18 UNF female F 250-C	N/C	
Signal output				
7	A	4 ... 20 mA, 2-wire	N/C	
	F	0 ... 10 V, 3-wire	N/C	
	G	0 ... 5 V, 2-wire	N/C	
Electrical connection				
8	A4	DIN EN 175301-803 A, IP65	N/C	
	M4	M12 x 1 5 pin circular connection IP67	N/C	
	DL	Cable with free ends IP67	\$62.05	
Cable length				
9	Z	Without (always with plug connection)	N/C	
	C	1.5 m	N/C	
	?	Other	on inquiry	
Quality certificates				
10	Z	Without	N/C	
	1	Other	on inquiry	
Additional order details				
11	Z	Without	N/C	
	T	Additional order details	on inquiry	

Order Code:

TOTAL PRICE

HP-2 - ¹ - ² - ³ ⁴ ⁵ - ⁶ - ⁷ - ⁸ ⁹ - ¹⁰ ^{11*}

*Additional order details _____

TRONIC > Special Purpose > P-30

Type P-30 Precision Pressure Transmitter



P-30 Pressure Transmitter for Precision Measurement				
Field no.	Code		List price	
1	Accuracy		\$799.65	
	P	0.1% of span	N/C	
	R	0.05% of span	\$477.50	
2	Unit		Add. price	
	P	psi	N/C	
	?	Other	on inquiry	
3	Absolute or relative pressure			
	G	Gauge	N/C	
	A	Absolute	\$74.80	
4	V	Compound	\$51.80	
	Pressure range			
	310	-30 InHg...0	N/C	
	320	-30 InHg...+15 psi	N/C	
	331	-30 InHg...+30 psi	N/C	
	345	-30 InHg...+50 psi	N/C	
	379	-30 InHg...+100 psi	N/C	
	412	-30 InHg...+160 psi	N/C	
	415	-30 InHg...+200 psi	N/C	
	234	0...5 psig	0...5 psia	N/C
	269	0...10 psig	0...10 psia	N/C
	310	0...15 psig	0...15 psia	N/C
	317	0...25 psig	0...25 psia	N/C
	321	0...30 psig	0...30 psia	N/C
	335	0...50 psig	0...50 psia	N/C
	369	0...100 psig	0...100 psia	N/C
	411	0...160 psig	0...160 psia	N/C
	414	0...200 psig	0...200 psia	N/C
	421	0...300 psig		N/C
	434	0...500 psig		N/C
	469	0...1,000 psig		N/C
	510	0...1,500 psig		N/C
	514	0...2,000 psig		N/C
	521	0...3,000 psig		N/C
	534	0...5,000 psig		N/C
	569	0...10,000 psig		N/C
	???	other		on inquiry

P-30 Pressure Transmitter for Precision Measurement (cont'd)

Field no.	Code	List price	
Pressure connection			
5	NB	1/4" NPT	N/C
	ND	1/2" NPT	N/C
	GD	G 1/2 B	N/C
	GB	G 1/4 B	N/C
	HD	G 1/4 A DIN 3852-E	N/C
	TB	G 1/4 female	N/C
	T4	G 1/2 male / G 1/4 female	N/C
	??	Other	on inquiry
Sealing			
6	Z	Without (not required for NB, ND, TB or T4)	N/C
	1	NBR (only for HD)	N/C
	C	Copper (only for GD, GB)	N/C
	S	Stainless steel (only for GD, GB)	\$7.35
	?	Other	on inquiry
Special design for media			
7	Z	None	N/C
	?	Other	on inquiry
Signal output			
8	A	4 ... 20 mA, 2-wire	N/C
	B	0 ... 20 mA, 3-wire	N/C
	F	0 ... 10 V, 3-wire	N/C
	G	0 ... 5 V, 3-wire	N/C
	V	4 ... 20 mA, 3-wire	N/C
Electrical connection			
9	M	4 circular connector M12x1, 4-pin	N/C
	B5	Plug, M16 x 0.75, 5-pin	N/C
	C6	Bayonet connector, 6-pin	N/C
	A4	4 pin L-plug DIN EN 175301-803, IP65	N/C
	DL	Cable with free ends, IP 67	\$74.80
Cable length			
10	Z	Without	N/C
	6	6 ft (only with DL)	N/C
	7	15 ft (only with DL)	\$17.25
	?	Other	on inquiry

11	YES	NO	Quality certificates
	1	Z	
12	T	Z	Additional text

Easy Com software with cable: Part #13193075 - \$130.90

Order Code: 1 2 3 4 5 6 7 8 9 10 11 12

P-30 - - - - - -

*Additional order details _____

TRONIC > Special Purpose > P-31

Type P-31 Precision Pressure Transmitter w/Non-clogging Flush Diaphragm



P-31 Pressure Transmitter for Precision Measurement		
Field no.	Code	List price
1	Accuracy	
	P	0.1% of span
	R	0.05% of span
2	Unit	
	P	psi
	?	Other
3	Absolute or relative pressure	
	G	Gauge
	A	Absolute
	V	Compound
	Pressure range	
	310	-30 InHg...0
	320	-30 InHg...+15 psi
	331	-30 InHg...+30 psi
	345	-30 InHg...+50 psi
	379	-30 InHg...+100 psi
	412	-30 InHg...+160 psi
	415	-30 InHg...+200 psi
	234	0...5 psig 0...5 psia
269	0...10 psig 0...10 psia	
310	0...15 psig 0...15 psia	
317	0...25 psig 0...25 psia	
321	0...30 psig 0...30 psia	
335	0...50 psig 0...50 psia	
369	0...100 psig 0...100 psia	
411	0...160 psig 0...160 psia	
414	0...200 psig 0...200 psia	
421	0...300 psig	
434	0...500 psig	
469	0...1,000 psig	

P-31 Pressure Transmitter for Precision Measurement (cont'd)

Field no.	Code	List price	
Pressure range continued			
4	510	0...1,500 psig	N/C
	514	0...2,000 psig	N/C
	521	0...3,000 psig	N/C
	534	0...5,000 psig	N/C
	???	Other	on inquiry
Pressure connection			
5	85	G1B flush diaphragm w/O-ring (up to 25 psi)	N/C
	86	G1/2B flush diaphragm w/O-ring (≥ 30 psi)	N/C
Sealing			
6	1	NBR	N/C
	B	EPDM	N/C
	L	FPM/FKM	N/C
	?	Other	on inquiry
Special design for media			
7	Z	None	N/C
	?	Other	on inquiry
Signal output			
8	A	4 ... 20 mA, 2-wire	N/C
	B	0 ... 20 mA, 3-wire	N/C
	F	0 ... 10 V, 3-wire	N/C
	G	0 ... 5 V, 3-wire	N/C
	V	4 ... 20 mA, 3-wire	N/C
Electrical connection			
9	M	4 circular connector M12x1, 4 pin	N/C
	B5	Plug, M16 x 0.75, 5 pin	N/C
	C6	Bayonet connector, 6 pin	N/C
	A4	4 pin L-plug DIN EN 175301-803, IP65	N/C
	DL	Cable with free ends, IP 67	\$74.80
Cable length			
10	Z	Without	N/C
	6	6 ft (only with DL)	N/C
	7	15 ft (only with DL)	\$17.25
	?	Other	on inquiry

Additional order info

	YES	NO	
11	1	Z	quality certificates
12	T	Z	additional text

Easy Com software with cable: Part #13193075 - \$119.00

Order Code:

P-31

*Additional order details _____

TRONIC > Special Purpose > R-1

Type R-1 Refrigeration & AC Transmitter

- All stainless steel construction
- Welded case-to-socket connection



Note: 50 piece minimum order quantity applies.

R-1 Smart Codes for Custom Order Configurations			
Field no.	Code	Feature	
			Base price \$117.35
			Additional price
		Accuracy	
1	A	(\leq) 1.0% (B.F.S.L)	N/C
		Unit	
	P	psi	N/C
	B	bar	N/C
2	?	Other - please specify	on inquiry
		Reference	
	G	Gauge	N/C
3	V	Compound	N/C
		Pressure range	
	379	-30 InHg...+100 psi	N/C
	415	-30 InHg...+200 psi	N/C
	422	-30 InHg...+300 psi	N/C
	442	-30 InHg...+600 psi	N/C
	369	0...100 psi	N/C
	410	0...150 psi	N/C
	414	0...200 psi	N/C
	421	0...300 psi	N/C
	441	0...600 psi	N/C
	459	0...850 psi	N/C
	411	-1...+10 bar	N/C
	426	-1...+25 bar	N/C
	360	0...6 bar	N/C
	410	0...10 bar	N/C
	416	0...16 bar	N/C
	425	0...25 bar	N/C
	440	0...40 bar	N/C
	460	0...60 bar	N/C
4	?	Other	on inquiry

R-1 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Process connection			
5	NH	1/8" NPT	N/C
	NB	1/4" NPT	N/C
	U5	7/16-20UNF-2A 90° Cone	N/C
	U6	7/16-20UNF-2B Schrader	N/C
	HA	G 1/4 B EN 837	N/C
	?	Other	on inquiry
	Signal output		
6	W	0.5-4.5V 3-wire ratiometric	N/C
	A	4-20mA 2-wire	N/C
	K	1-5V 3-wire	N/C
	F	0-10V 3-wire	N/C
Supply voltage			
7	E	5 V DC +/- 10% (only with signal output W)	N/C
	G	7...30 V DC (only with signal output A or K)	N/C
	C	14...30 V DC (only with signal output F)	N/C
Electrical connection			
8	R3	Metri pack series 150 3 pin connector (NEMA 4 / IP 67)	N/C
	M4	4 Pin locking plug M12 x 1 (NEMA 4 / IP 67)	N/C
	FN	Cable with free ends (NEMA 4 / IP 69K high pressure steam protection)	\$13.80
Cable length			
9	A	0.5 m (1.6 feet)	N/C
	H	1 m (3.28 feet)	\$2.30
	B	2 m (6.5 feet)	\$4.60
	G	5 m (16.4 feet)	\$9.20
	Z	Without (always with electrical connection R3 or M4)	N/C
	?	Other	on inquiry
	Approvals		
10	Z	Without	N/C
	W	c UL us	on inquiry
Additional order details			
11	Z	Without	N/C
	T	Additional order details	on inquiry

Note: 50 piece minimum order quantity applies.

TOTAL PRICE: _____

Order Code:

1 2 3 4 5 6 7 8 9 10 11
R-1 - - - - -

Additional order details _____

TRONIC > Special Purpose > AC-1

Type AC-1 Air Conditioning and Refrigeration Pressure Transmitter



Note: 50 piece minimum order quantity applies.

AC-1 with M12X1

AC-1 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$100.10
			Additional price	
1	Accuracy			
	A	(<=) 1.0% (B.F.S.L)	N/C	
2	Unit			
	P	psi	N/C	
	B	bar	N/C	
	?	Other - please specify	on inquiry	
3	Reference			
	G	Gauge	N/C	
	V	Compound	N/C	
4	Pressure range			
	379	-30 InHg...+100 psi	N/C	
	415	-30 InHg...+200 psi	N/C	
	422	-30 InHg...+300 psi	N/C	
	442	-30 InHg...+600 psi	N/C	
	369	0...100 psi	N/C	
	410	0...150 psi	N/C	
	414	0...200 psi	N/C	
	421	0...300 psi	N/C	
	441	0...600 psi	N/C	
	459	0...850 psi	N/C	
	411	-1...+10 bar	N/C	
	426	-1...+25 bar	N/C	
	360	0...6 bar	N/C	
	410	0...10 bar	N/C	
	416	0...16 bar	N/C	
	425	0...25 bar	N/C	
	440	0...40 bar	N/C	
	460	0...60 bar	N/C	
	???	Other	on inquiry	
5	Process connection			
	NH	1/8" NPT	N/C	
	NB	1/4" NPT	N/C	
	U5	7/16-20UNF-2A 90° Cone	N/C	
	U6	7/16-20UNF-2B Schrader	N/C	
	HA	G 1/4 B EN 837	N/C	
	??	Other	on inquiry	
6	Sensor seal material			
	C	CR70 (polychlororene)	N/C	
	?	Other	on inquiry	

AC-1 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Additional price
Signal output			
7	W	0.5-4.5V 3-wire ratiometric	N/C
	A	4-20mA 2-wire	N/C
	F	0-10V 3-wire	N/C
	?	Other	on inquiry
Supply voltage			
8	E	5 V DC +/- 10% (only with signal output W)	N/C
	G	7...30 V DC (only with signal output A)	N/C
	C	14...30 V DC (only with signal output F)	N/C
Electrical connection			
9	R3	Metri pack series 150 3 pin connector (NEMA 4 / IP 67)	N/C
	M4	4 Pin locking plug M12 x 1 (NEMA 4 / IP 67)	N/C
	FN	Cable with free ends (NEMA 4 / IP 69K high pressure steam protection)	\$13.70
Cable length			
10	A	0.5 m (1.6 feet)	N/C
	H	1 m (3.28 feet)	\$2.30
	B	2 m (6.5 feet)	\$4.60
	G	5 m (16.4 feet)	\$9.20
	Z	Without (always with electrical connection R3 or M4)	N/C
	?	Other	on inquiry
Approvals			
11	Z	Without	N/C
	W	c UL us	on inquiry
Additional order details			
12	Z	Without	N/C
	T	Additional text	on inquiry

Note: 50 piece minimum order quantity applies.

TOTAL PRICE: _____

Order Code:

1 2 3 4 5 6 7 8 9 10 11 12
AC-1 - - - - -

Additional order details _____

TRONIC > Special Purpose > TTF-1

Type TTF-1 Pressure Transmitters with Thin Film Sensor

The Type TTF-1 is designed for engineers who want to provide their own power supply and signal conditioning circuitry. The sensors are manufactured by depositing an insulating layer onto a 17-4PH stainless steel or Elgiloy diaphragm, then depositing a metal strain gauge element by vacuum deposition, resulting in high stability, ruggedness and extended operating life. For improved performance, temperature compensating elements, wiring and balance components are deposited simultaneously during the manufacturing process.



Contact WIKA for pricing on the TTF-1
Minimum order quantities apply

Type A-AI-1 Attachable Digital Indicator

- Attachable loop powered digital indicator
- Fits Type S-10, S-11 and A-10 transmitters with full size Din plug
- User-programmable 0.4" LCD display



A-AI-1 Part Numbers

Ready-To-Ship Meters			
Type	Part #	Description	Price
A-AI-1	7082534	Loop powered indicator for S-10, S-11 and A-10 using DIN 43 650 electrical connector (4-20 mA 2-wire only)	\$270.40

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Type DI-15 Digital Meter

- Compact panel mount digital indicator
- Dual solid state relays and RS 485 serial interface
- User-programmable



DI-15 Part Numbers

Ready-To-Ship Meters			
Type	Part #	Description	Price
DI15	7464880	Digital indicator with 2 solid state relays for panel mounting, accepts 4-20mA, 0-20mA, 01V, 0-10V, Pt1000 signal inputs.	\$270.15

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

TRONIC > 3A Sanitary > S-10-3A

Type S-10-3A Sanitary Pressure Transmitters

- 3A sanitary pressure transmitter
- Available with an integral cooling extension for high temperature applications (Type S-10-3A.C)



S-10-3A



S-10-3A.C

S-10-3A Part Numbers

Pressure Conn.	1½" or 2" Tri-Clamp® connections	
Power Supply	10-30 VDC	
Signal output	4-20 mA 2-wire	
Elec. Conn.	DIN 43 650 with plug connector	
Vacuum and compound ranges		
List price	\$770.60	
	1.5" Tri-Clamp®	2" Tri-Clamp®
30"-0 Hg vac	9766329	9744770
30"-0-30 psi	8997395	4204042
30"-0-60 psi	9799732	4224167
30"-0-100 psi	4204387	4300840
Gauge ranges		
List price	\$690.55	
0-15 psi	9748202	9748210
0-30 psi	9748075	4225007
0-50 psi	4215789	4215771
0-60 psi	9744703	9748199
0-100 psi	9748237	9747931
0-160 psi	9748245	9748253
0-200 psi	9749408	4213246
0-250 psi	9776227	4268831
0-300 psi	8990985	4253877
0-500 psi	4205081	9745828
0-1,000 psi	8993470	4281737

Electrical connector options		
Description	Part #	List price
DIN 43 650 PG-9 plug (standard)	1006711	\$5.95
DIN 43 650 ½" female conduit	1632159	\$5.95
Attachable LCD display	7082534	\$270.15
5 foot cable IP 67 / NEMA 4	9744479	\$62.05
10 foot cable IP 67 / NEMA 4	9838915	\$68.15
20 foot cable IP 67 / NEMA 4	4239904	\$91.65
30 foot cable IP 67 / NEMA 4	4239921	\$115.15
50 foot cable IP 67 / NEMA 4	4293348	\$162.15
4 pin MIL plug PT02E-8-4P	2184479	\$84.05
6 pin MIL plug PT02E-10-6P	9744460	\$84.05

Special order options	
Output signals	List price
0-20 mA 3-wire	\$84.05
0-5 V 3-wire	\$84.05
0-10 V 3-wire	\$84.05
Other	Inquire
Process connections	List price
Integral cooling extension for media temp. up to +350°F (177°C) (Type number changes to S-10.3A.C)	\$114.30
3" Tri-Clamp® connection	Inquire
4" Tri-Clamp® connection	
Cherry Burrell® I-Line	
INLINE Seal	
Other	
Other options	List price
Electropolished diaphragm to ≤15 Ra	\$53.75
NEOBEE® M-20 liquid fill	\$51.10
Food grade silicone liquid fill	\$51.10
Non-standard pressure range	Inquire
NIST traceable calibration certificate <0.50% B.F.S.L. (part # 502)	\$71.10
Teflon® coated diaphragm	Inquire
Hastelloy® wetted parts	Inquire

NOTE: Stock items shown in **bold print**.

Items shown with part numbers are available from stock (subject to prior sale). Items without part numbers are available on special order.

TRONIC > 3A Sanitary > SA-11

Type SA-11 Sanitary Pressure Transmitters

- Low pressure 3A sanitary pressure transmitter
- Available with 1.5" or 2" Tri-Clamp® connections
- Designed for media temperature to 150°C (300°F)



SA-11



Type SA-11 with IP 68 cable washdown option

SA-11 Part Numbers

Pressure conn.	1½" or 2" Tri-Clamp® connections	
Power supply	10-30 VDC	
Signal output	4-20 mA 2-wire	
Elec. conn.	DIN 43 650 with plug connector	
Gauge ranges	\$678.65	
	1.5" Tri-Clamp®	2" Tri-Clamp®
0-100 inWC	4361853	4361861
0-150 inWC		4373576
0-250 inWC	4361887	4361879
0-400 inWC		50362305
0-25 psi		4209986
0-50 psi	4200104	4200113
0-100 psi	4394866	50006495

Other ranges to 400 psi are available

NOTE: Standard items shown in **bold print**. (Subject to prior sale)

Items shown with part numbers are available from stock (subject to prior sale). Items without part numbers are available on special order.



SA-11 Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$678.65
1	Additional price			
	Signal output			
	A	4 ... 20 mA, 2-wire	N/C	
	B	0 ... 20 mA, 3-wire	\$84.05	
	F	0 ... 10 V, 3-wire	\$84.05	
	G	0 ... 5 V, 3-wire	\$84.05	
?	Customer specification	\$84.05		
2	Unit			
	P	psi	N/C	
	3	psi absolute	on inquiry	
	N	InWC	N/C	
	?	Customer specification	on inquiry	
3	Pressure range			
	PCA	-30/0 inHg	on inquiry	
	PCN	0/5 psi	\$96.95	
	PCP	0/10 psi	on inquiry	
	PBD	0/30 psi	on inquiry	
	PBE	0/60 psi	on inquiry	
	PBF	0/100 psi	N/C	
	PBG	0/160 psi	on inquiry	
	PBH	0/200 psi	on inquiry	
	PBI	0/300 psi	on inquiry	
	???	Customer specification	N/C	
	NGU	0/100 InWC	N/C	
	NGV	0/150 InWC	N/C	
	NGW	0/250 InWC	on inquiry	
	NGX	0/400 InWC	on inquiry	
4	Process connection			
	RT	Tri-Clamp® DN 1 1/2"	N/C	
	SA	Tri-Clamp® DN 2"	N/C	
	??	Customer specification	N/C	
5	Accuracy			
	G	+/- 0.25% B.F.S.L.	N/C	
	K	+/- 0.125% B.F.S.L.	\$115.65	
6	Electrical connection			
	A4	4 Pin L-plug DIN EN 175301-803 with pg 9 (NEMA 5 // IP 65)	\$5.95	
	M4	4 Pin locking plug M12 x 1 (NEMA 4 / IP 67)	N/C	
	EM	Vented cable with free ends (NEMA 6 / IP 68)	on inquiry	
	??	Customer specification	\$5.95	

SA-11 Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Base price
Cable length			
	Z	Without	N/C
	Y	5 feet	N/C
	1	10 feet	\$11.75
	2	20 feet	\$35.25
	3	30 feet	\$58.75
7	?	Customer specification	\$11.75
Quality certificates			
	Z	Without	N/C
8	1	Quality certificates	N/C
Digital display			
	Z	Without	N/C
8	1	Digital display	\$245.60
Additional order details			
	Z	Without	N/C
10	T	Additional Text	N/C

TRONIC > 3A Sanitary > F-20-3A

Type F-20-3A Sanitary Pressure Assembly

- 3A sanitary pressure assembly
- FDA approved system fill
- All-welded design



3/4" connection



Standard 1.5" connection

F-20-3A Part Numbers

Pressure conn.	3/4" Tri-Clamp®	1½" Tri-Clamp®	2" Tri-Clamp®
Power supply	10-30 VDC		
Signal output	4 -20 mA 2-wire		
Ranges	\$788.70	\$762.35	\$766.15
0 - 15 psi	n/a	50236407	50236512
0 - 25 psi	n/a	50236415	50236521
0 - 30 psi	n/a	50236423	50236539
0 - 50 psi	n/a	50236431	50236547
0 - 60 psi	50236334	50236440	50236555
0 - 100 psi	50236351	50236458	50236563
0 - 160 psi	50236369	50236466	50236571
0 - 200 psi	50236377	50236474	50236580
0 - 300 psi	---	---	---
0 - 500 psi	---	---	---
0 - 1,000 psi	---	---	---
Vacuum and compound ranges	\$834.31	\$846.35	\$850.20
-30" Hg Vac	n/a	50236482	50236598
-30" Hg - 30 psi	n/a	50236491	50236601
-30" Hg - 60 psi	50236393	50236504	50236610
-30" Hg - 100 psi	---	---	---
-30" Hg - 200 psi	---	---	---

Items shown with part numbers are available from stock (subject to prior sale).
 Items without part numbers are available on special order.

F-20-3A Smart Codes for Custom Order Configurations

Field no.	Code	Feature	Base price	\$762.35
			Additional price	
		Signal output		
		4 ... 20 mA, 2-wire	N/C	
		0 ... 10 V, 3-wire (Supply 14-30 V)	\$75.65	
		0 ... 5 V, 3-wire	\$75.65	
1		Other - please specify	on inquiry	
		Units		
		psi	N/C	
		InWC	N/C	
2		Other - please specify	on inquiry	
		Pressure range		
		-30 inHg ... 0 ¹	\$84.05	
		-30 inHg ... 30 psi ¹	\$84.05	
		-30 inHg ... 60 psi	\$84.05	
		-30 inHg ... 100 psi	\$84.05	
		-30 inHg ... 160 psi	\$84.05	
		-30 inHg ... 200 psi	\$84.05	
		0 InWC ... 50 InWC ^{1,2}	N/C	
		0 InWC ... 100 InWC ^{1,2}	N/C	
		0 psi ... 5 psi ^{1,2}	N/C	
		0 psi ... 10 psi ^{1,2}	N/C	
		0 psi ... 15 psi ¹	N/C	
		0 psi ... 30 psi ¹	N/C	
		0 psi ... 60 psi	N/C	
		0 psi ... 100 psi	N/C	
		0 psi ... 160 psi	N/C	
		0 psi ... 200 psi	N/C	
		0 psi ... 300 psi	N/C	
		0 psi ... 400 psi	N/C	
		0 psi ... 500 psi	N/C	
		0 psi ... 600 psi	N/C	
		0 psi ... 750 psi	N/C	
		0 psi ... 1,000 psi	N/C	
3		0 psi ... 1,500 psi	N/C	
		Process connection		
		¾" Tri-Clamp®	\$26.35	
		1½" Tri-Clamp®	N/C	
		2.0" Tri-Clamp®	\$3.85	
		2½" Tri-Clamp®	\$56.60	
		3.0" Tri-Clamp®	\$71.60	
		4.0" Tri-Clamp®	\$90.45	
		Other - please specify	on inquiry	

F-20-3A Smart Codes for Custom Order Configurations (continued)

Field no.	Code	Feature	Base price
4	Material of wetted parts		
		316L SS (1.4435) electropolished	N/C
		Hastelloy® C276 (2.4819)	on inquiry
		PFA coated 316L SS (FDA approved)	on inquiry
		Other - please specify	on inquiry
5	Fill fluid		
		KN 7 - Glycerine (note 3 & 4)	N/C
		KN 93 - Food grade silicone oil (note 3)	\$47.45
		KN 59 - NEOBEE® M20	\$47.45
		KN 92 - Mineral oil (liquid paraffin)	N/C
	Other - please specify	on inquiry	
6	Electrical connection		
		½" NPT female conduit (IP 67)	N/C
		Stainless steel cable gland (IP 68)	\$38.80
		Other - please specify	on inquiry
7	Quality certificates		
		Without	N/C
		Certificate - electropolish w/ nominal surface finish	\$62.80
		Certificate - EN 10 204 3.1B (material traceable)	\$62.80
		Certificate of Compliance (C of C)	N/C
		Certificate - NIST calibration	\$71.10
		Other - please specify	on inquiry
	Additional order details		
		Without	N/C
		Additional text	on inquiry

Notes:

- (1) Not available with ¾" Tri-Clamp® process connection
- (2) Consult WIKA for suitable process connection size
- (3) Not recommended for vacuum or compound pressure ranges
- (4) Standard offering for ¾" Tri-Clamp® with positive pressure ranges

Miscellaneous Parts List

Part #	Description	Used with model numbers	List price
316 SS Adapters			
1400452	G1/2 to 1/2NPT male flush to NPT adapter	All with G1/2B flush diaphragm	\$32.30
2252651	G1/2 to 1/2NPT male flush to NPT adapter .45" bore	All with G1/2B flush diaphragm	\$32.30
2252694	G1 to 1/2NPT male flush to NPT adapter .45" bore	All with G1B flush diaphragm	\$84.05
1400460	G1/2 to 1/4NPT male flush to NPT adapter	All with G1/2B flush diaphragm	\$32.30
1206974	P-1 G1 weld insert adapter	All with G1B flush diaphragm	\$58.20
1097008	P-1 G1/2 weld insert adapter	All with G1/2B flush diaphragm	\$58.20
1128302	1/2NPT female to 1/4 NPT male adapter	All 1/2 NPT male transmitters	\$32.90
2250462	P-3 Victaulic adapter for G1B	All with G1B flush diaphragm	\$84.05
O-rings and gaskets			
1108247	Buna N - G1B O-ring	All with G1B flush diaphragm	\$3.25
1100386	Buna N - G1B Gasket	All with G1B flush diaphragm	\$3.25
478164	Buna N - G1/2B O-ring	All with G1/2B flush diaphragm	\$3.25
1039067	Buna N - G1/2B Gasket	All with G1/2B flush diaphragm	\$3.25
1099094	Viton® G1B O-ring	All with G1B flush diaphragm	\$7.10
1145967	Viton® G1B Gasket	All with G1B flush diaphragm	\$7.10
1158295	Viton® G1/2B O-ring	All with G1/2B flush diaphragm	\$7.10
1039075	Viton® G1/2B Gasket	All with G1/2B flush diaphragm	\$7.10
Electrical connectors			
1006711	DIN 43650 standard replacement connector PG	All S and IS series	\$5.95
1632159	DIN 43650 1/2" female conduit connector	S-1X, IS-2X	\$5.95
9735882	Mini DIN standard replacement connector	C-10, others with MiniDIN connection	\$6.45
9740010	Mini DIN with molded 6 foot (2 meter) cable	C-10, others with MiniDIN connection	\$34.35
2055816	6 foot (2 m) cable with 5 pin M12x1 female plug	All with M12x1 5 pin male connections	\$23.25
11250798	6 foot (2m) cable with 4 pin angled M12X1 female plug	All with M12x1 4 pin connector	\$26.15
11250780	6 foot (2m) cable with 4 pin straight M12X1 female plug	All with M12x1 4 pin connector	\$26.15
11250232	15 foot (4.5m) cable with 4 pin angled M12X1 female plug	All with M12x1 4 pin connector	\$42.90
11250259	15 foot (4.5m) cable with 4 pin angled M12X1 female plug	All with M12x1 4 pin connector	\$42.90
11225793	6 foot (2m) cable with form A (Full Size DIN) female plug	A-10, S-1X, IS-2X with male connection	\$36.60
1125018615	15 foot (4.5m) cable with form A (Full Size DIN) female plug	A-10, S-1X, IS-2X with male connection	\$53.35
11225823	6 foot (2m) cable with form C (miniDIN) female plug	A-10 only	\$36.60
11250194	15 foot (4.5m) cable with form C (miniDIN) female plug	A-10 only	\$53.35
9734821	DIN 43650 with molded 6 foot (2 meter) cable	S-1X, IS-2X	\$45.25

Part #	Description	Used with model numbers	List price
Submersible transmitter accessories			
9836700	Vent tube desiccant drying cartridge	LS-10, LH-10, IL-10	\$18.10
50600770	VentGuard® cable protection kit	LS-10, LH-10, IL-10	\$136.90
7193131	Vent tube filter	LS-10, LH-10, IL-10	\$12.95
2074257	Cable clamp	LS-10, LH-10, IL-10	\$27.15
2459686	Cable junction box	LS-10, LH-10, IL-10	\$96.95
1524399	Additional weight	LS-10, LH-10, IL-10	\$84.05
50077091	LevelGuard attachment *	LS-10, LH-10, IL-10	\$510.60
50476114	1/2NPT cable conduit adapter *	LS-10, LH-10	\$32.30
1631322	G1/2 - Male 1/2NPT - 1/4NPT female adaptor	LS-10, LH-10, IL-10	\$32.30
Other miscellaneous accessories			
11449978	Restrictor screw installed *	for 1/2" or 1/4"NPT, SAE male	\$6.45
502	NIST Certificate 0.25% *	S-10, S-11, others	\$71.10
503	4-20 mA to 1-5V output signal conversion *	S-10, S-11	\$38.80
504	NIST Certificate 0.125% *	S-10, S-11	\$103.40
4200767	NIST Certificate 0.10% *	P-30, P-31	\$161.60
2396756	NIST Certificate 0.20% UniTrans® *	UniTrans® only	\$110.80

* Factory installed items cannot be user installed



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**Explosion-Proof
Pressure Transmitter**

E-11



**General Purpose
Pressure Transmitter**

S-10

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