

ORDER CODES

Example Order Number:

T142A - D - 3 85 U - S(0-200) C, I - B

1-0 Transmitter Type

CODE	DESCRIPTION
T142A	(4 to 20) mA HART® Field Transmitter with general-purpose aluminum housing
T142C	(4 to 20) mA HART® Field Transmitter with explosion-proof aluminum housing; CSA / XP Class I / Div 1/ Groups A,B,C,D / DIP Class II / Div 1 / Groups E,F,G / Class III
T142E	(4 to 20) mA HART® Field Transmitter with flame-proof/ dust-protected aluminum housing; ATEX/IECEX; Ex d IIC T6...T4Gb; Ex tb IIIC T110 °C Db
T142F	(4 to 20) mA HART® Field Transmitter with general-purpose aluminum housing; IS CSA Class I, Zone 0, AEx ia IIIC T6...T4 Ga EX/AEx ia IIC Ga and NI/NIFW I.S. Class I, Div. 1, Gr. ABCD T6...T4 Class I, Division 2, Groups ABCD; T6...T4 (I.S. Associated Equipment, NIFW for sensor connections)
T142G	(4 to 20) mA HART® Field Transmitter with general-purpose aluminum housing; IS ATEX/IECEX II 1G, II 2G, II 2D Ex ia IIC T6...T4 Ga Ex ia IIC T6...T4 Gb Ex ia IIIC T85...T110 C Db

2-0 Options

CODE	DESCRIPTION
T	Solid cover
D	Glass cover with digital display

3-0 Input Type

CODE	DESCRIPTION
00	Unconfigured ^[1]
1	Thermocouple (TC) or millivolt
2	RTD (2-wire) or resistance
3	RTD (3-wire) or resistance
4	RTD (4-wire) or resistance
[1] Default setting for unconfigured transmitter is 4-wire - Pt100 (0 - 100) °C	

Accessories

CODE	DESCRIPTION
10321	Pipe mounting bracket
22934	Replacement display board

7-0 Options

CODE	DESCRIPTION
I	Stainless Steel Tag
B	Bluetooth® (APP) Configuration

6-1 Unit of Measure

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit
K	Kelvin

6-0 Range

CODE	DESCRIPTION
S	(lower limit – upper limit)

5-0 Failure Mode

CODE	DESCRIPTION
U	Upscale Burnout ≥ 23 mA
D	Downscale Burnout ≤ 3 mA

4-0 Sensor Type

CODE	DESCRIPTION
J	Type J thermocouple
K	Type K thermocouple
T	Type T thermocouple
N	Type N thermocouple
E	Type E thermocouple
R	Type R thermocouple
S	Type S thermocouple
B	Type B thermocouple
85	100 ohm platinum ($\alpha = 0.003 \text{ 85 } ^\circ\text{C}^{-1}$)
55	500 ohm platinum ($\alpha = 0.003 \text{ 85 } ^\circ\text{C}^{-1}$)
95	1000 ohm platinum ($\alpha = 0.003 \text{ 85 } ^\circ\text{C}^{-1}$)
MV	Millivolts
W	Resistance
Other types available. Consult factory.	

HART® is a registered trademark of HART Communication Foundation

