

ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8
36T82-D10 - 33 - 85 - 85 - E - U - S(0-200) C - SIL

1-0 Transmitter Type

CODE	DESCRIPTION
T82-00	(4 to 20) mA dual input, isolated HART® head-mounted Transmitter, no display (transmitter only)
36T82-D10	(4 to 20) mA dual input, isolated HART® Transmitter with digital display and general purpose screw-cover housing

1-1 Configuration Input

CODE	DESCRIPTION
00	Unconfigured
2I	Ch1: RTD 2-wire, Ch2: inactive
22	Ch1: RTD 2-wire, Ch2: RTD 2-wire
23	Ch1: RTD 2-wire, Ch2: RTD 3-wire
2T	Ch1: RTD 2-wire, Ch2: Thermocouple
3I	Ch1: RTD 3-wire, Ch2: inactive
32	Ch1: RTD 3-wire, Ch2: RTD 2-wire
33	Ch1: RTD 3-wire, Ch2: RTD 3-wire
3T	Ch1: RTD 3-wire, Ch2: Thermocouple
4I	Ch1: RTD 4-wire, Ch2: inactive
4T	Ch1: RTD 4-wire, Ch2: Thermocouple
TI	Ch1: Thermocouple, Ch2: inactive
TT	Ch1: Thermocouple, Ch2: Thermocouple

1-2 Sensor Input Channel 1

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 ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)
55	500 ohm platinum ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)
95	1000 ohm platinum ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)

1-8 SIL Option

CODE	DESCRIPTION
SIL	Safety Integrity Level SIL2 and Supports SIL3

1-7 Unit of Measure

CODE	DESCRIPTION
C	Celsius
F	Fahrenheit

1-6 Range

CODE	DESCRIPTION
S	(lower limit – upper limit)

1-5 Failure Mode

CODE	DESCRIPTION
U	Upscale Burnout $\geq 23\text{ mA}$
D	Downscale Burnout $\leq 3\text{ mA}$

1-4 Input Set-ups

CODE	DESCRIPTION
A	Process variable = Ch1; Ch2 = inactive
B	Process variable = Ch1; Secondary value = Ch2
C	Process variable = the difference between Ch1 and Ch2
D	Process variable = average of Ch1 and Ch2
E	Sensor backup; Process variable = Ch1 and Ch2

1-3 Sensor Input Channel 2

CODE	DESCRIPTION
00	No second channel
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 ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)
55	500 ohm platinum ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)
95	1000 ohm platinum ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$)

For complete transmitter specifications see Transmitter Section.

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