



Patent No.: US 7,223,014
CND 2,561,570

Custom Builder

MODEL 1 2 3 4 5 6 7 8 9 10 11

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BOX 1 CODE	Calibrated Temperature Range
05	0°C to 50°C (32/122°F)
10	0°C to 100°C (32/212°F)
15	0°C to 150°C (32/302°F)
20	0°C to 200°C (32/392°F)
55	-50°C to 50°C (-58/122°F)
51	-50°C to 150°C (-58/302°F)
52	-50°C to 200°C (-58/392°F)
L*	-50°C to 200°C (-58/392°F)
H*	-200°C to 600°C (-328/1112°F)

* Code **L** & **H** are not factory calibrated. Requires customer calibration using the **MIST PKIT**.

Notes:

- MIST Temperature Sensors™ are factory calibrated at one point to an accuracy of ±0.12°@0°C or better. See MIST specs.
- For non-standard temperature ranges, indicate desired value in °C or °F in Box1 or see web site www.intempco.com.
- Order **MIST PKIT** for sensor customization.

BOX 2 CODE	Output
LP	4-20 mA loop, upscale burnout (std.)
LD	4-20 mA loop, downscale burnout
VA	0-5 Vdc, 3-wire
VB	1-5 Vdc, 3-wire
VD	0-10 Vdc, 3-wire

Other outputs available. Consult factory.

BOX 3 CODE	Probe Diameter "D"	
D	1/4"	
F	3/8"	
H	1/2"	
CODE	Sheath O.D.	Tip O.D.
DB	1/4"	1/8"
FC	3/8"	3/16"
HC	1/2"	3/16"
HD	1/2"	1/4"
JD	5/8"	1/4"

Other diameters available. Consult factory.

BOX 4 CODE	Probe Material
S	Stainless steel 316/316L

Other materials available. Consult factory.

BOX 5 CODE	Probe Length "L"
---	In 0.1" increments Ex.: 065 = 6.5" long

BOX 6 CODE	Extension Length "C"
N--	In 0.1" increments (1.5" Std.) Ex.: N15 = 1.5" long

BOX 8 CODE	Process Fitting Type /Size
T10	Hygienic clamp union, 1"
T15	Hygienic clamp union, 1.5"
T20	Hygienic clamp union, 2"
T25	Hygienic clamp union, 2.5"
T30	Hygienic clamp union, 3"

Other fittings available. Consult factory.

BOX 9 CODE	Connector Type
MC	M12 Micro-Male Connector

Other types of connectors available. Consult factory.

BOX 10 CODE	Extension Cable "E"
N	No Cable
SA2	Sanitary Molded Straight, 2 meters
SA5	Sanitary Molded Straight, 5 meters
SB2	Sanitary Molded Right Angle, 2 meters
SB5	Sanitary Molded Right Angle, 5 meters

BOX 11 CODE	Surface Finish
SF	32 μ-in (0.8 μm) Ra max. or better
F1	20 μ-in (0.5 μm) Ra max., w/o EP
F4	15 μ-in (0.4 μm) Ra max., with EP