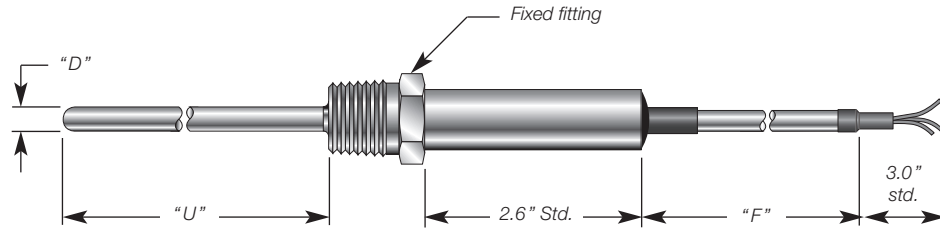


# MIST M24

RTD Temperature Transmitter  
w/Fixed Fitting & Extension Cable



USA Patent No.: 7,223,014  
CDN Patent No.: 2,561,570

## Custom Builder

MODEL      1      2      3      4      5      6      7      8      9      10

**M24** -  -  -  -  -  - **0** -  -  -  -  -

BOX1 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)
55	-50°C to 50°C (-58 / 122°F)
51	-50°C to 150°C (-58 / 302°F)
L*	-50°C to 200°C (-58 / 392°F)

\* Code **L** is 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](http://www.intempco.com).
- Order **MIST PKIT** for sensor customization.
- MIST M24 is not recommended for process temperatures above 100°C (212°F)

BOX2 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.

BOX3 CODE	Probe Diameter "D"
B	1/8"
C	3/16"
D	1/4"
F	3/8"
H	1/2"

Other diameters available. Consult factory.

BOX4 CODE	Probe Material
S	Stainless steel 316/316L

Other materials available. Consult factory.

BOX5 CODE	Immersion Length "U"
----	In 0.1" increments Ex.: <b>065</b> = 6.5" long

BOX7 CODE	Instrument Connection
N	None, smooth shank
SR	Strain Relief
EN	1/2" NPT male
EE	1/2" NPS male

Other connections available. Consult factory.

BOX8 CODE	Fitting Type
F**S	Fixed Immersion
<b>Process NPT size :</b> ** 18 = 1/8" NPT      14 = 1/4" NPT 38 = 3/8" NPT      12 = 1/2" NPT 34 = 3/4" NPT      44 = 1" NPT	

Fitting material is stainless steel 316

BOX9 CODE	Extension Cable Type
PV	PVC insulation, 90°C (195°F) max.
TF	Teflon® insulation, 200°C (392°F) max.
TA	Teflon® with SS armor, 200°C (392°F) max.
TB	Teflon® with SS overbraid, 200°C (392°F) max.

BOX10 CODE	Extension Cable Length "F"
----	In inches Ex.: <b>060</b> = 60" long
<b>Note :</b>	Extension wires 12" long and less are single stranded leads, 22 AWG