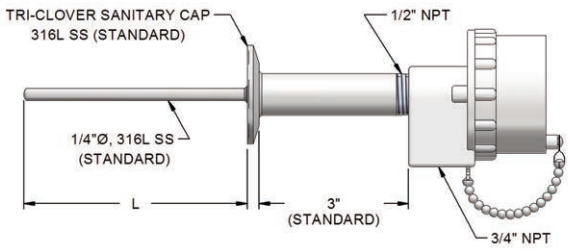
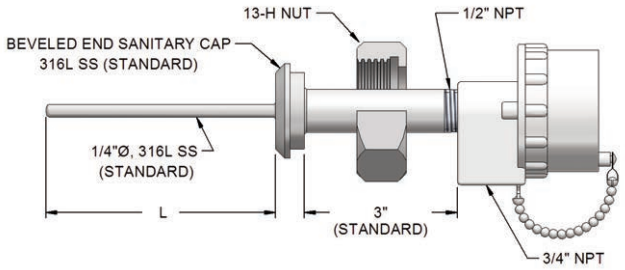
TYPICAL COMPLETE SANITARY SENSORS

SANITARY CAP TYPICAL DESIGNS

TRI-CLOVER (16 AMP) (CAP OPTION "T")

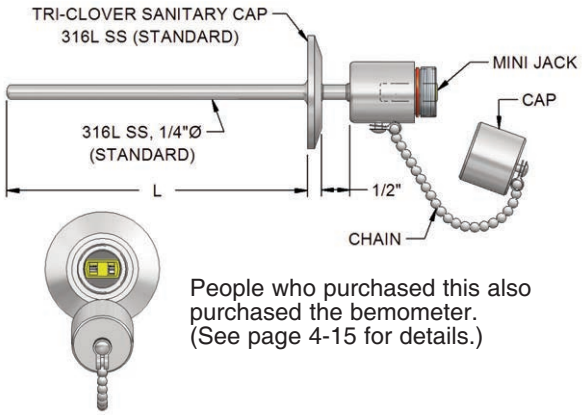


BEVEL SEAT WITH 13-H NUT (16 AMP) (CAP OPTION "BH")



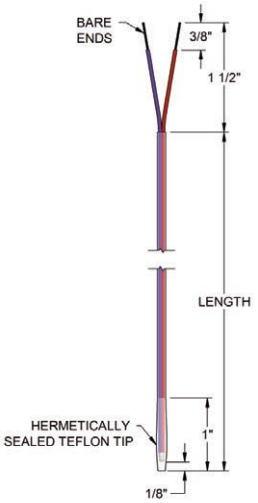
SPECIAL DESIGNS

SOCKET CAP COLD END TERMINATION (OPTION "SC")



People who purchased this also purchased the bemometer. (See page 4-15 for details.)

ULTRA HIGH ACCURACY TYPE T WIRE THERMOCOUPLE



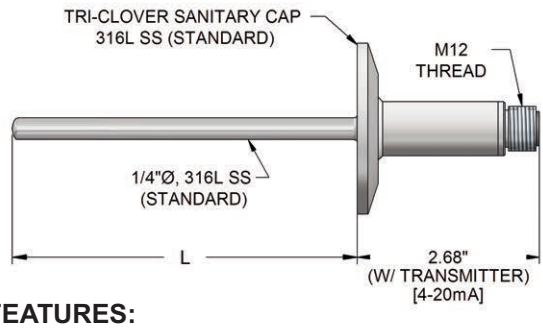
Moisture, rough handling and severe conditions all pose grave threats to the functionality of Type T thermocouple measurements - measurements which are a critical component of many high accuracy laboratory and pharmaceutical applications.

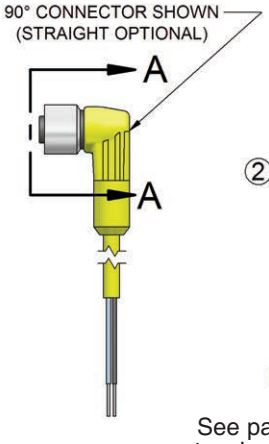
JMS presents its rugged, fast response, multi-strand Type T sensor. These sensors are manufactured from premium Type T thermocouple wire, which is accurate to ± 0.22˚C at 121˚C, and with hermetically sealed tips perfect for environments with high humidity. These sensors represent the cutting edge in thermocouple technology.

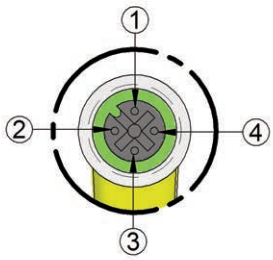
To order, simply specify JMS part #: DWG16238- followed by the length. Example: DWG16238-120 for an Ultra High Accuracy Type T sensor 120 inches in length.

3-A RTD with 4-20 mA INTEGRAL OUTPUT (RTD *in*, 4-20 mA *OUT!!*)

TOOL FREE RTD TEMPERATURE MEASUREMENT

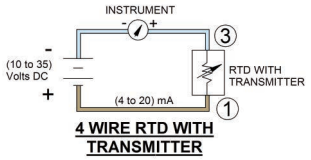




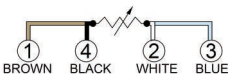


VIEW A-A
(M12 CONNECTOR)

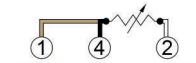
See page 3-5 for extension assemblies.



4 WIRE RTD WITH TRANSMITTER



[NON ASTM/IEC COLOR CODE]
4 WIRE RTD WITHOUT TRANSMITTER



[NON ASTM/IEC COLOR CODE]
3 WIRE RTD WITHOUT TRANSMITTER

FEATURES:

- PC programmable,
- NEMA 6P (IP67) rated with M12 connector.
- Ideal for most applications from -60 to 320°F
- Ambient temperature limits -40 to 185°F
- Quick-n-Clean M12 connection for easy replacement.
- Available in 3-A certified and standard industrial designs (see page 3-5)

Ideal for high moisture environments!

ADDITIONAL TERMINATIONS

	COLD END TERMINATION [SEE SECTION 6] Choose as many as applicable (JMS part number prefixes are shown in parenthesis)		
Connectors			
	Plugs		**Jacks**
B	Miniature plug (6A1B)	D	Miniature jack (6A1D)
BH	Miniature high temperature plug (6A2B) <800°F	DH	Miniature high temperature jack (6A2D) <800°F
C	Standard plug (6A1C)	E	Standard jack (6A1E)
F	Standard high temperature plug (6A2C) <800˚F	G	Standard high temperature jack (6A2E) <800˚F
WM	Microphone style plug (6DA)	WF	Microphone style jack (6DA)
WA	Solid pin plug, heavy duty (6A3C)	WB	Solid pin jack, heavy duty (6A3E)
WC	Jab in plug (6A4C)	WD	Jab in jack (6A4E)
WE	Ultra high temperature plug, glazed (6A5C) <1200°F	WG	Ultra high temperature jack, glazed (6A5E) <1200°F
WH	Ultra high temperature plug, unglazed (6A7C) <1200°F	WI	Ultra high temperature jack, unglazed (6A7E) <1200°F
WJ	Low noise plug (6A6C) <425°F	WK	Low noise jack (6A6E) <425°F
WL	DIN-IEC microphone plug (6DB)	WN	DIN-IEC microphone style jack (6DB)
V	Molded/hermetic plug (6DC)	VF	Molded/hermetic jack (6DC)
Y	M12 Male connector (6DY)	YF	M12 Female connector (6DY)

Heads [6–1] Visit *www.JMS-SE.com/headspecs*

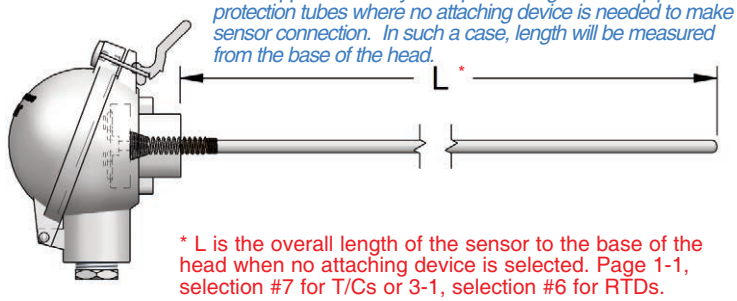
Explosion Proof

I	Aluminum, NEMA 4X, FM, CSA, IP66 (6IA/6B4)
J	316 stainless steel, NEMA 4X, FM, CSA, IP66 (6ISS/6B4)
P	Aluminum, NEMA 4X, FM, CSA, ATEX, IECEx, IP66 (6IAIEC/6B4)
U	316 stainless steel, NEMA 4X, FM, CSA, ATEX, IECEx, IP66 (6ISSATEX/6B4)
SI	Cast Iron, NEMA 3, 4, UL, CSA (6I/6PT)
GA	Aluminum, screw cover w/ indicating window, NEMA 4X, ATEX, IECEx, FM, CSA, IP66 (688A1)
GS	316SS, screw cover w/ indicating window, NEMA 4X, ATEX, IECEx, FM, CSA, IP66 (688S1)

General Purpose

L	Aluminum w/ hinged cover (6L/6B4)
M	Aluminum w/ screw cover & chain (6M/6B4)
R	Aluminum w/ hinged high dome cover (6R/6B4)
N	Cast Iron w/ screw cover (6N/6B4)
Q	Black Noryl plastic (6Q/6B4)
SS	316 stainless steel w/ screw cover & chain (6SS/6B4)
WP	White plastic, screw cover, Sanitary (6WP, 6B4)
SB	Nickel plated, cylinder style, 1/4" NPT (6S250)
SD	Nickel plated, cylinder style, 1/8" NPT (6S125)
SC	Stainless steel, socket cap style
ST	Molded plastic, mini head, 1/4" NPT, < 350F (6T)
SU	Molded plastic, mini head, 1/4" NPT, < 800F (6U)

Some applications may have pre-existing threaded pipes or protection tubes where no attaching device is needed to make sensor connection. In such a case, length will be measured from the base of the head.



* L is the overall length of the sensor to the base of the head when no attaching device is selected. Page 1-1, selection #7 for T/Cs or 3-1, selection #6 for RTDs.

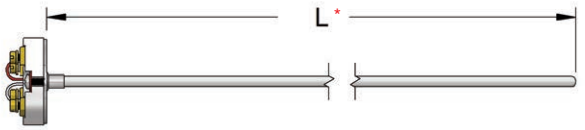
Transmitters

8H	Isolated transmitter
8N	Non-isolated transmitter
8I	Hart Protocol
8E	Intrinsically safe
8D	Hart/Intrinsically safe
8M	Integral transmitter (see page 3-5) RTDs ONLY

Notes:
- Add span range after transmitter selection. Example: 8H(0-200C).
- Transmitter output = 4 - 20 mA. (See section 8 for other options).

Other

A	Bare ends
K	Spade lugs (6SL)
RL	Ring lugs (6RL)
O	Open ceramic terminal block, Brass screw terminal (6B)
OA	Open Bakelite terminal block, Nickel plated screw terminal (6BB)
OB	Open ceramic terminal block for sensors with bayonet style connection, Brass screw terminal (6B or 6C/6DMD)
OG	Ceramic terminal block, Brass screw terminal (6G)
OP	Pluggable Polymide terminal block, Nickel plated screw terminal (6PT
OS	Open ceramic terminal block, Nickel plated solder terminal (6C)
CG	Cord connector/grip, Aluminum 1/2" NPT (6CC)
PS	Ship straight
X	Other, specify



* L is the overall length of the sensor to the base of the terminal block mounting plate when open terminal block cold end termination is selected without a fixed attaching device. Page 1-1, selection #7 for T/Cs or 3-1, selection #6 for RTDs.