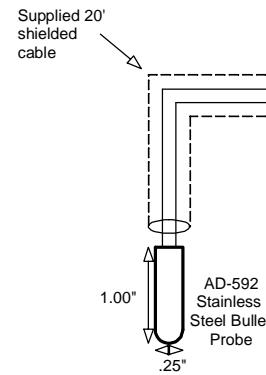


### General Specifications

Sensing Element: 1000 Ohm Platinum Class A RTD  
 Temp Coefficient: .00385 Ohm/C  
 Temperature Effect: .02% @ 55C  
 Transmitter Output: 2-wire linear 4-20ma current  
 Transmitter Operating Temperature: -40 - 85C  
 Transmitter Operating Humidity: 0 - 90% non-condensing  
 Transmitter Calibrated Accuracy: .2% of full scale span  
 Repeatability: +/- .2C  
 Enclosure: Plastic NEMA4X  
 Recommended Field Calibration Interval: 12 months

### SNR-012 Temperature Range

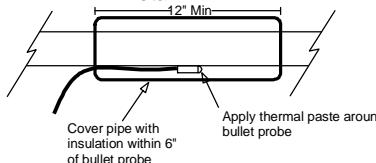
-279 - 441 F



solder connections

Tie shield wires together  
and **insulate** when  
splicing.

### Pipe Installation Detail



+24VDC

Red

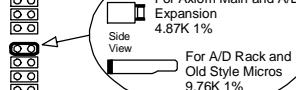
Black

10uAmp

Signal

Actual terminal  
numbers may  
vary

Special resistive jumper replaces  
normal 4-20ma jumper supplied by  
Logix



Panel  
Grounding  
Strip

### NOTES:

Attach probe to bottom of pipe and insulate all pipe within 6 inches. (surface mount application only)

Moisture damage is **NOT** covered by warranty.

Ensure drip loop is installed correctly to prevent moisture entering the enclosure; that may cause harm to the sensor.

Avoid close proximity to line voltage wiring – this applies to both sensor placement and sensor cabling.

Sensor wiring runs may extend up to 4000 feet from a LOGIX Panel.

Cable for analog sensors is shielded #24 AWG Belden #9501 or equal, 2 conductor cable run in separate conduit from power wiring. Wiring applications below -22°F/-30°C requires Belden #88761 shielded cable or equal.

The sensor cable ground shield should be grounded inside the LOGIX Panel and left floating with heat shrink insulation at the sensor end.

A maximum of 8 inches of signal wire should be left unshielded at the LOGIX panel (end of the cable).

**NEVER** run the Belden sensor cable in the same conduit as power wiring.

Run sensor cabling 3 feet or more from VFD power cables, even if metallic conduit is used.

Submit alternate cable specs to LOGIX for approval.



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### Wiring & Installation Detailed Drawing

Title

UnderFloor Temperature Sensor

Logix P/N SNR-012

Date 03/16/15 Rev 01 Drawn by RCO

Drawing SNR-012\_FloorTemp.axd