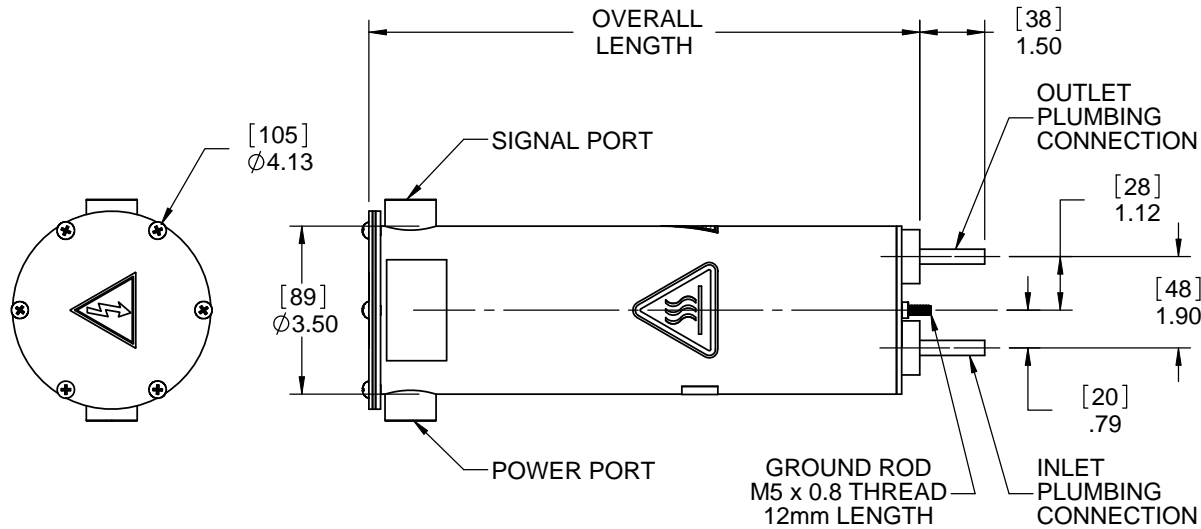


| REV | BY | DATE | DESCRIPTION |
|-----|-----|----------|-----------------|
| 0 | DLS | 04/29/14 | INITIAL RELEASE |
| | | | |
| | | | |



| Cartridge Heater PTC or Resistive | Overall Length | | Plumbing Connections | |
|--------------------------------------|----------------|-----|---|---|
| | in. | mm | Inlet | Outlet |
| 400 | 5.97 | 152 | 5/16" Non Thread Tube Connection | 5/16" Non Thread Tube Connection |
| 800 | 8.72 | 221 | | |
| 1200 | 11.47 | 291 | | |
| 1400 | 12.97 | 329 | | |
| 1600 | 14.47 | 368 | | |
| 2000 | 17.47 | 444 | | |

NOTES:

- HEATER CONFORMS TO UL499 STANDARDS.
- HEATER CONFORMING TO UL823 STANDARDS IS OPTIONAL (INCLUDES ADDITIONAL COMPONENTS NOT SHOWN).
- SEE HEATER SPECIFIC FACILITIES PRINT FOR RATINGS, ADDITIONAL DIMENSIONS AND DETAILS.
- POLYPRO, PVDF OR 304SS ADJUSTABLE MOUNTING BRACKETS ARE AVAILABLE.
- WETTED MATERIALS: 316/316L ELECTROPOLISHED STAINLESS STEEL.
- (2) ELEMENT OVER-TEMP SENSORS PROVIDED.
- (1) RESETTABLE THERMAL PROTECTOR PROVIDED.
- PTC CARTRIDGE HEATER IS STANDARD.
- CONTACT FACTORY FOR ADDITIONAL OPTIONS / FEATURES.

SH | B | - | 1.2 | - | 1 | 1 | O | O | H | - | R

| Series | Wetted Material | Wattage | Voltage | Phase | Inlet Plumbing Connections | Outlet Plumbing Connections | Element Sensor Type | Options |
|--------------|-----------------|--|--|------------------|--|--|--|---|
| SH = Solvent | B = EP TUBING | .4 = 400W .8 = 800W 1.2 = 1200W 1.4 = 1400W 1.6 = 1600W 2 = 2000W | 1 = 208V 2 = 240V 3 = 380V 4 = 400V 5 = 415V 6 = 480V 7 = 440V 8 = 575V 9 = 220V 10 = 200V 12 = 120V 14 = 600V 15 = 230V | 1 = Single Phase | O = 5/16" Non Threaded Tube Connection | O = 5/16" Non Threaded Tube Connection | K = K-type TC E = E-type TC J = J-type TC H = 100-Ohm RTD (3-wire) R = 1000-Ohm RTD (2-wire) | Blank = No Options R = Resistive Style Heating Element EX = UL 823 Option ## - TBD as needed |

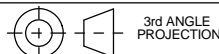
PROCESS TECHNOLOGY®

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WWW.PROCESS-TECHNOLOGY.COM

ITEM: N/A

MATERIAL:

UNLESS NOTED TOLERANCES ARE:
0.00 = .13
0.000 = .060
ANGLES = 1°
[mm]
INCHES
SECONDARY UNIT FOR REFERENCE ONLY



DRAWN BY: DLS CONTROLLED DOCUMENT LOCATIONS: APPROVAL INFORMATION:
DATE: 04/29/14 BY: HJB DATE: 04/29/14

DESCRIPTION:
SALES: SHB- - - OO- - - -

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INTERPRET GEOMETRIC DIMENSIONING AND TOLERANCING PER ASME Y14.5M

SIZE: A SCALE: NONE PAGE: 1 OF 1 DRAWING No. **62-0053-0**