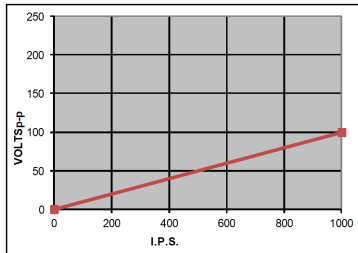


# SPECIFICATIONS

COIL RESISTANCE: 1200 OHMS ± 10%  
 INDUCTANCE: 450 mH TYPICAL

IR LEAKAGE: 100 MOHMS @ 100 VDC MIN.

OUTPUT VOLTAGE: 100Vp-p @ 1000 I.P.S.  
 TEST CONDITIONS: 20 DP GEAR  
 100K OHM LOAD  
 .005" AIRGAP



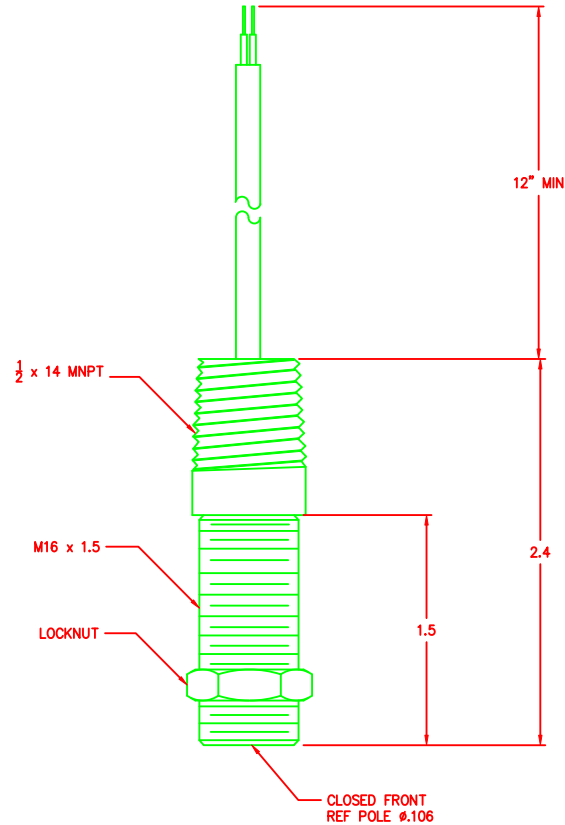
HAZARDOUS LOCATION: ATEX and IECEx CERTIFIED  
 II 2 G  
 Ex d IIC T6 to T4  
 ATEX CERT: LCIE 11 ATEX 3029 X  
 IECEx CERT: IECEx LC11.0012 X

| TEMPERATURE CLASS | TEMPERATURE RANGE   |
|-------------------|---------------------|
| T4                | -40°C ≤ Ta ≤ +100°C |
| T5                | -40°C ≤ Ta ≤ +85°C  |
| T6                | -40°C ≤ Ta ≤ +70°C  |

INSTALLATION INFORMATION PER MSI DRAWING ST-A-1810  
 NOTE: THE PICKUP MUST BE CONNECTED TO AN Ex d CERTIFIED ENCLOSURE SYSTEM TO BE COMPLIANT TO ATEX AND IECEx STANDARDS.

PHYSICAL FEATURES:  
 ENCAPSULATION: EPOXY POTTED  
 CABLE: PVC JACKETED CABLE, 2 CONDUCTOR 24AWG WITH BRAIDED SHIELD.

| DWG NO.   | PC75-4 | SH                          | 1        | REV | A |
|-----------|--------|-----------------------------|----------|-----|---|
| REVISIONS |        |                             |          |     |   |
| ZONE      | REV    | DESCRIPTION                 | DATE     | APP |   |
|           | A      | CLARIFIED TEMP RANGE FORMAT | 10/15/20 | JW  |   |



| MATERIAL  | APPROVALS  |
|---|--|
| 300 SERIES STAINLESS STEEL  | DRAWN: N. MEADOWS 08/18/11<br>CHECK: W. BERGMAN 08/18/11 |
| FINISH  | ISSUED: JOEFO 08/18/11                                   |
| CONFIDENTIAL PROPERTY OF MOTION SENSORS, INC. (MSI) NOT TO BE DISCLOSED TO OTHERS, REPRODUCED, OR USED FOR ANY OTHER PURPOSE, EXCEPT AS AUTHORIZED IN WRITING BY MSI. MUST BE RETURNED ON DEMAND. |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES OTHER THAN HELD AS FOLLOWS:<br>2 PLACE DECIMAL ± .01<br>3 PLACE DECIMAL ± .005<br>FRACTIONAL ± 1/64<br>ANGULAR ± 1/2°             |  |
| NEXT ASSY   | USED ON  |
| APPLICATION   |  |

|  |           |        |              |
|--|-----------|--------|--------------|
| MOTION SENSORS, INC.<br>ELIZABETH CITY, NC 27909     |           |        |              |
| TITLE<br>OUTLINE DRAWING<br>PC75-4<br>Ex d CERTIFIED |           |        |              |
| SIZE   | CAGE CODE | DWG NO | REV          |
| C  | OY2U4     | PC75-4 | A            |
| SCALE  | NONE      |        | SHEET 1 OF 1 |