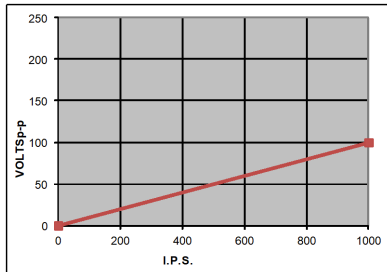


SPECIFICATIONS

COIL RESISTANCE: 1200 OHMS ± 10%P
 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



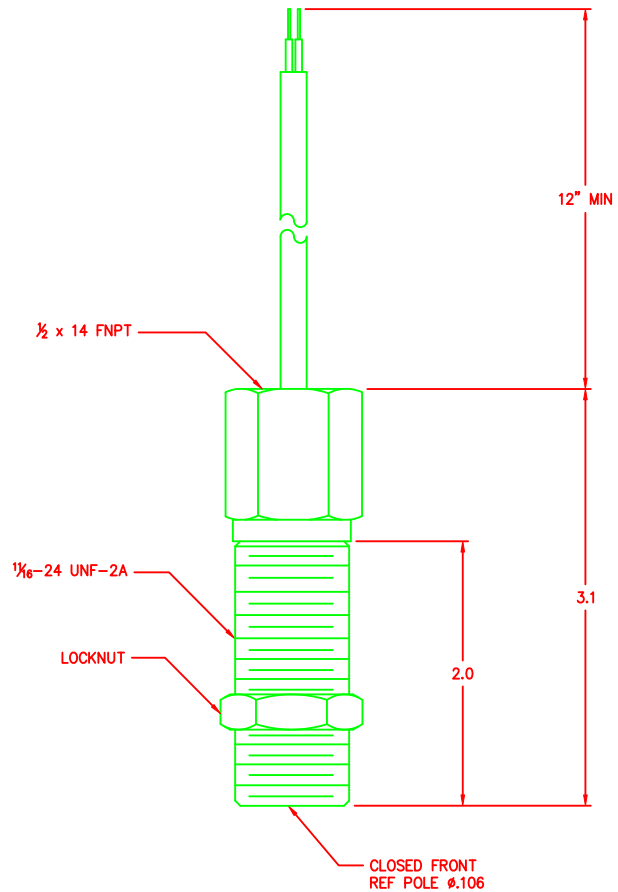
HAZARDOUS LOCATION: ATEX and IECEx CERTIFIED
 II 2 G
 Ex d IIC T6 to T4
 ATEX CERT: LCIE 11 ATEX 3029 X
 IECEx CERT: IECEx LC111.0012 X

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. PC75-17		SH 1	REV A
REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	A	CLARIFIED TEMP RANGE FORMAT	10/15/20
			APP JW



		MATERIAL	APPROVALS	MOTION SENSORS, INC. ELIZABETH CITY, NC 27909 TITLE OUTLINE DRAWING PC75-17 Ex d CERTIFIED
		300 SERIES STAINLESS STEEL	DRAWN N. MEADOWS DATE 09/09/11 CHECK M. BERGMAN 09/09/11 ISSUED JDFEFO 09/09/11	
		FINISH		
NEXT ASSY	USED ON	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 THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS: 2 PLACE DECIMAL ± .01 3 PLACE DECIMAL ± .005 FRACTIONAL ± 1/64 ANGULAR ± 1/2°	SIZE C CAGE CODE OY2U4 DWG NO PC75-17 REV A
APPLICATION				SCALE NONE SHEET 1 OF 1