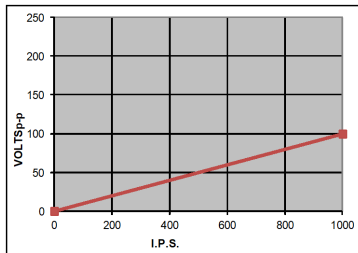


SPECIFICATIONS

COIL RESISTANCE: 1200 OHMS \pm 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

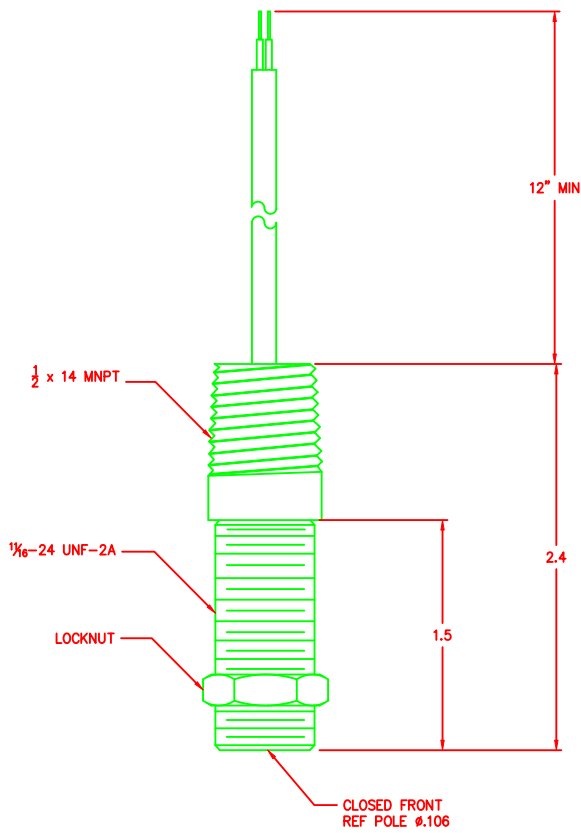
II 2 G
 Ex d IIC T6 to T4
 ATEX CERT: LCIE 11 ATEX 3029 X
 IECEx CERT: IECEx LC11.0012 X

TEMPERATURE CLASS	TEMPERATURE RANGE
T4	$-40^{\circ}\text{C} \leq T_a \leq +100^{\circ}\text{C}$
T5	$-40^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$
T6	$-40^{\circ}\text{C} \leq T_a \leq +70^{\circ}\text{C}$

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.	PC75-5	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 DATE: 08/18/11 CHECK: M. BERGMAN DATE: 08/18/11
FINISH	ISSUED: JOEFEO DATE: 08/18/11
<small>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.</small>	
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES OTHER THAN THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS: 2 PLACE DECIMAL \pm .01 3 PLACE DECIMAL \pm .005 FRACTIONAL \pm 1/64 ANGULAR \pm 1/2°</small>	
NEXT ASSY	USED ON
APPLICATION	

MOTION SENSORS, INC. ELIZABETH CITY, NC 27909			
TITLE OUTLINE DRAWING PC75-5 Ex d CERTIFIED			
SIZE	CAGE CODE	DWG NO	REV
C	OY2U4	PC75-5	A
SCALE	NONE		SHEET 1 OF 1