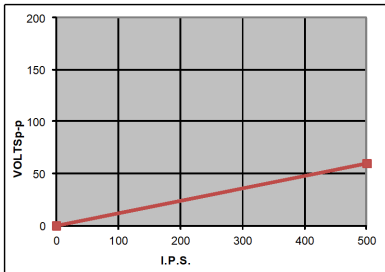


### SPECIFICATIONS

COIL RESISTANCE: 120-162 OHMS  
 INDUCTANCE: 85 mH MAX  
 IR LEAKAGE: 100 MOHMS @ 100 VDC MIN.  
 OUTPUT VOLTAGE: 60Vp-p @ 500 I.P.S.  
 TEST CONDITIONS: 8 DP GEAR  
 1.25K OHM LOAD  
 .005" AIRGAP



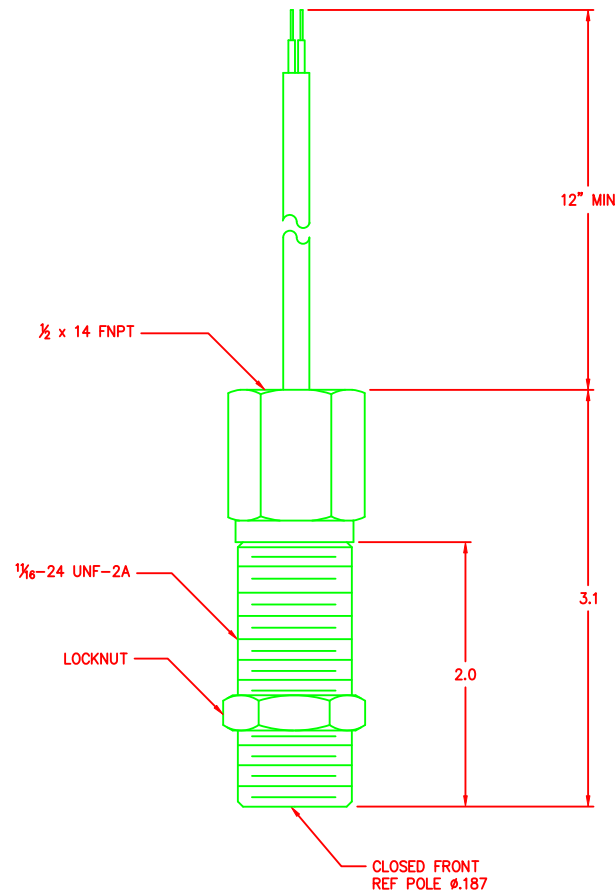
HAZARDOUS LOCATION: ATEX and IECEx CERTIFIED  
 II 2 G  
 Ex d IIC T6 to T4  
 ATEX CERT: LCIE 11 ATEX 3029 X  
 IECEx CERT: IECEx LCI11.0012 X

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.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APP
	A	CLARIFIED TEMP RANGE FORMAT	10/16/20	JW



		MATERIAL	APPROVALS	
		300 SERIES STAINLESS STEEL	DRAWN N. MEADOWS	DATE 09/09/11
			CHECK M. BERGMAN	09/09/11
		FINISH	ISSUED JDEFEO	09/09/11
NEXT ASSY	USED ON			
APPLICATION				

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°

<b>MOTION SENSORS, INC.</b> ELIZABETH CITY, NC 27909			
TITLE OUTLINE DRAWING PC75-23 Ex d CERTIFIED			
SIZE <b>C</b>	CAGE CODE <b>OY2U4</b>	DWG NO <b>PC75-23</b>	REV <b>A</b>
SCALE NONE			SHEET 1 OF 1