

4

3

2

1

DWG NO.

PC75-21

SH 1

REV B

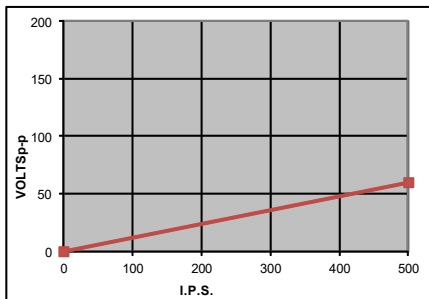
SPECIFICATIONS

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

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:

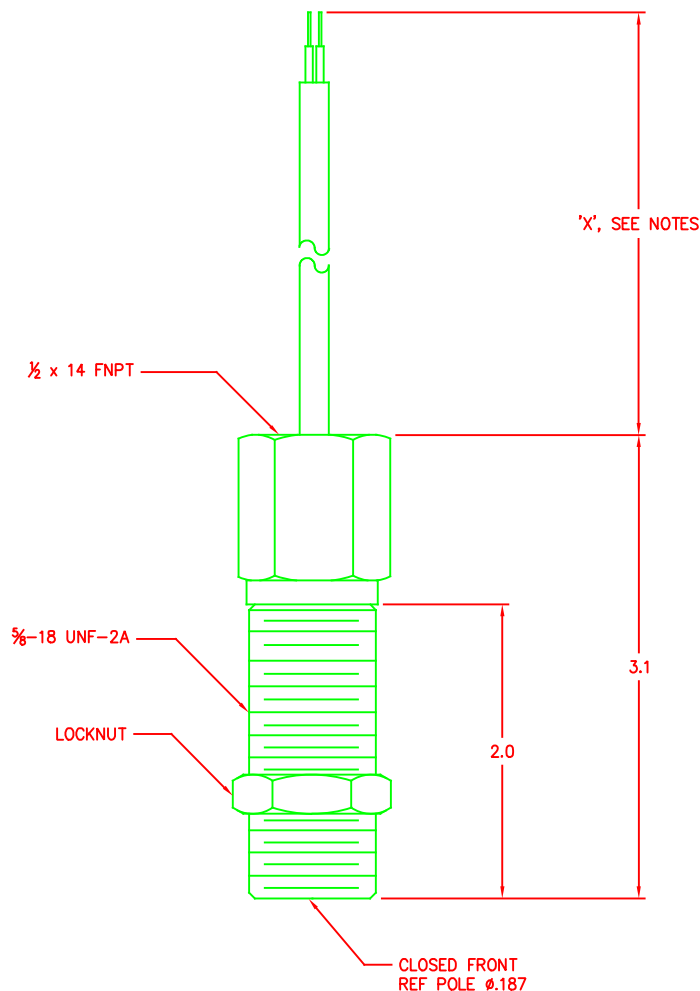
ENCAPSULATION: EPOXY POTTED

CABLE: PVC JACKETED CABLE, 2 CONDUCTOR 24AWG WITH BRAIDED SHIELD.

CABLE LENGTH 'X' IS 1 FOOT MIN FOR THE BASE PART NUMBER OF PC75-21.

PART NUMBER WILL BE MODIFIED FOR ADDITIONAL CABLE LENGTH OPTIONS BY ADDING
A SUFFIX '/#' WHERE # EQUALS MIN CABLE LENGTH IN FEET.EXAMPLES: PC75-21/10 HAS A MIN 10 FOOT CABLE; PC75-21/3.5 HAS A MIN 3.5
FOOT CABLE

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APP
	A	CLARIFIED TEMP RANGE FORMAT	10/16/20	JW
	B	ADDED CABLE LENGTH NOTE	09/29/25	NM



MATERIAL		APPROVALS		MOTION SENSORS, INC. ELIZABETH CITY, NC 27909		
300 SERIES STAINLESS STEEL	DRAWN	N. MEADOWS	DATE			09/09/11
	CHECK	M. BERGMAN	09/09/11			
FINISH	ISSUED	J. DEFFO	09/09/11			
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 THE SIZE OF RAW MATERIAL SHALL BE HELD AS FOLLOWS:		OUTLINE DRAWING PC75-21 Ex d CERTIFIED		
		2 PLACE DECIMAL ± .01				
		3 PLACE DECIMAL ± .005				
		FRACTIONAL ± 1/64				
		ANGULAR ± 1/2°				
		SIZE	CAGE CODE	DWG NO	REV	
		C	OY2U4	PC75-21	B	
		SCALE	NONE		SHEET 1 OF 1	