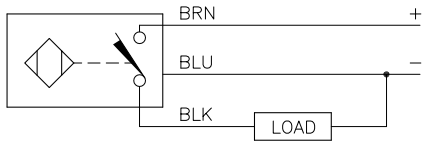


WIRING DIAGRAM

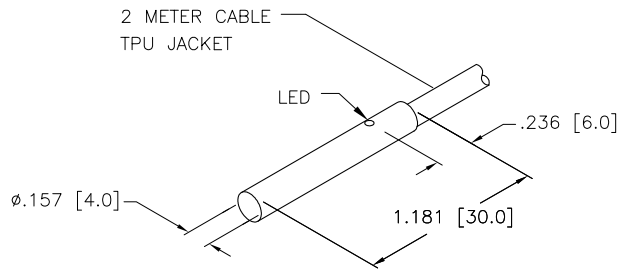


OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	1-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	1.8 V @ 100 mA
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
CONTINUOUS LOAD CURRENT	≤ 100 mA
LEAKAGE (OFF-STATE) CURRENT	≤ 0.1 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
NO-LOAD CURRENT	≤ 15 mA
POWER-ON EFFECT	PER IEC 947-5-2
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	PER EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	YELLOW: OUTPUT ENERGIZED
SENSING RANGE	1.0 mm = .039" (NOMINAL)
SWITCHING FREQUENCY	3000 Hz
REPEATABILITY	≤ 2% of NOMINAL SENSING RANGE
SHIELDED	YES
HOUSING MATERIAL	304 STAINLESS STEEL
SENSING FACE MATERIAL	PA12-GF20



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1. 2. 3. 4.				DRFT	CBM	DATE	1/12/98	DESCRIPTION	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DSGN		SCALE	1=1.0	Bi1-EH04-AP6X	
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
				INCH [MILLIMETER]		S4609540		E	
E DRAWING PROCESSED AS PART OF ECO 33971		CBM	04/06/11	33971	DO NOT SCALE THIS DRAWING		FILE: S4609540	SHEET 1 OF 1	
REV	DESCRIPTION	BY	DATE	ECO NO.					