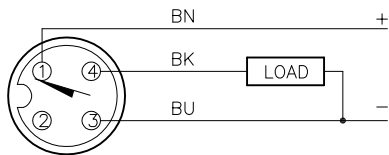


WIRING DIAGRAM

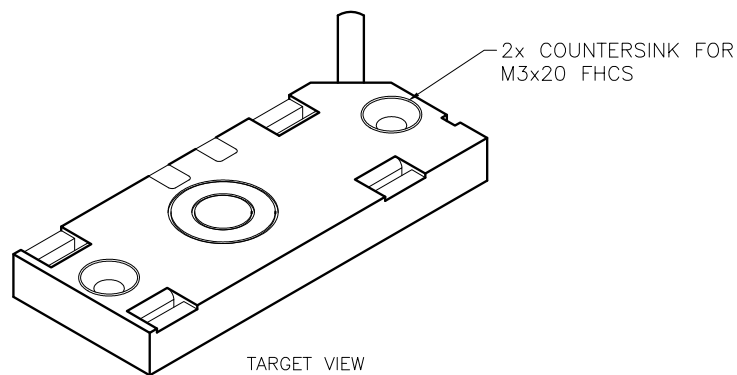
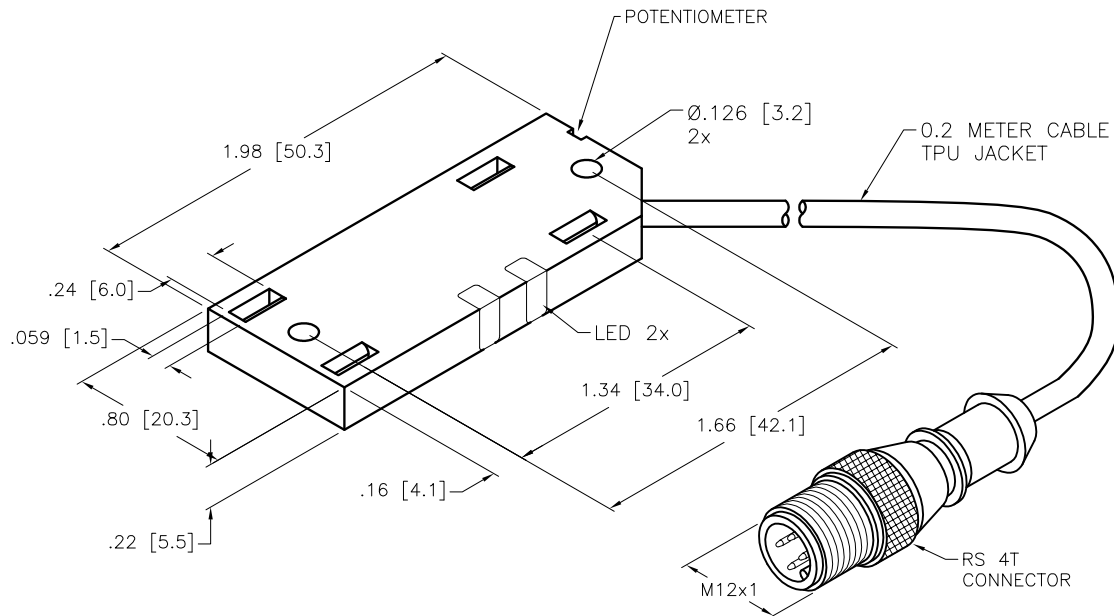


OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	2-20% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN, PNP
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
OFF-STATE (LEAKAGE) CURRENT	<100 μA
NO-LOAD CURRENT	≤15 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	Per IEC 947-5-2
REVERSE POLARITY PROTECTION	YES
WIRE BREAK PROTECTION	YES
TRANSIENT PROTECTION	Per EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
MAX RELATIVE TEMPERATURE DRIFT	≤ 20 %
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 GREEN = POWER ON
RATED OPERATING DISTANCE(Sn)	10 mm = .394" (ADJUSTABLE)
SWITCHING FREQUENCY	100 Hz
REPEATABILITY	≤ 2% OF RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES



SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL POLYPROPYLENE PLASTIC	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY  CONTACT TURCK FOR MORE INFORMATION	DRFT JBJ DATE 09/10/02	DESCRIPTION BC10-QF5.5-AP6X2-0.2M-RS4T	
FINISH	APVD SCALE NONE		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. 2620197
D UPDATE ID NUMBER PER HARMONIZATION PROJECT REV DESCRIPTION	CBM 11/06/17 BY DATE ECO NO.	DO NOT SCALE THIS DRAWING		FILE: 2620197	SHEET 1 OF 1

D	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	
REV	DESCRIPTION	BY	DATE	ECO NO.