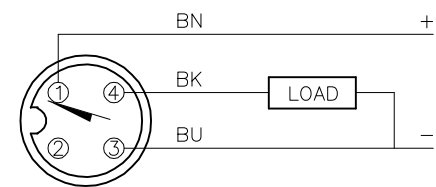
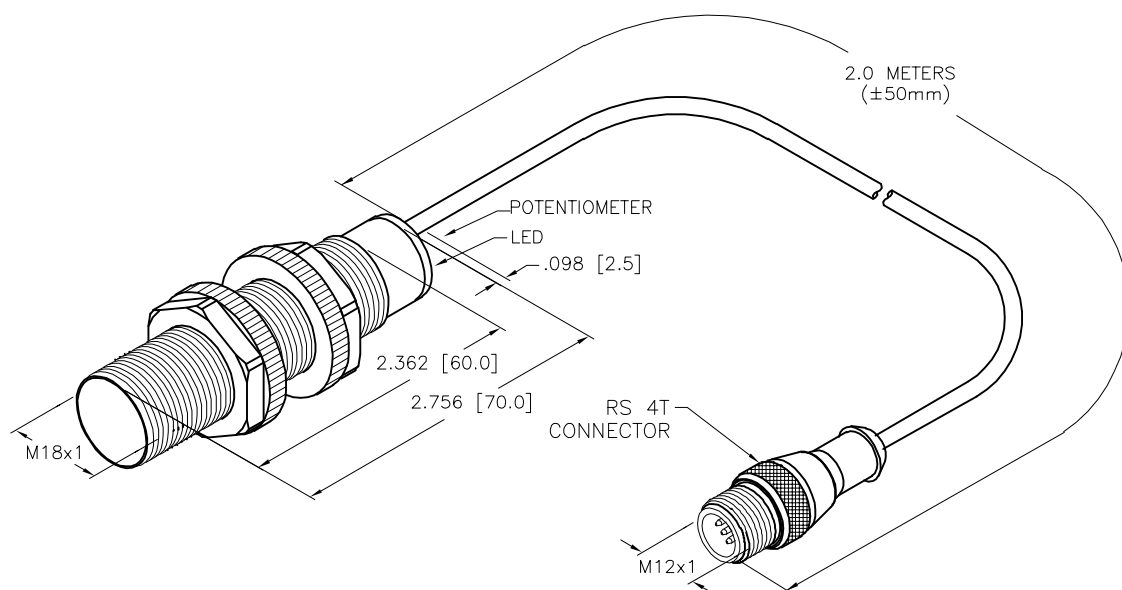


WIRING DIAGRAM



OUTPUT: AP4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	5mm [.197] (FLUSH)
RATED OPERATING DISTANCE	7.5mm [.295] (NON-FLUSH)
HYSTERESIS	2-20%
TEMPERATURE DRIFT	≤ ±20%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PA12-GF30, PEI
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	Ø5.2, LifyY, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1. 2. 3. 4.		MATERIAL SEE SPECIFICATIONS		DRFT RDS		DATE 12/17/09	
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD		SCALE 1=1.3	
		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		DESCRIPTION BC5-S18-AP4X-2-RS4T	
				DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. 2503091	
						REV C	
						FILE: 2503091	
						SHEET 1 OF 1	

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