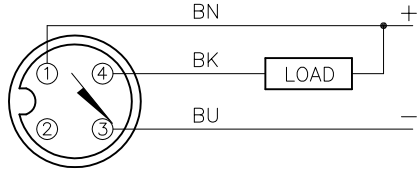


WIRING DIAGRAM

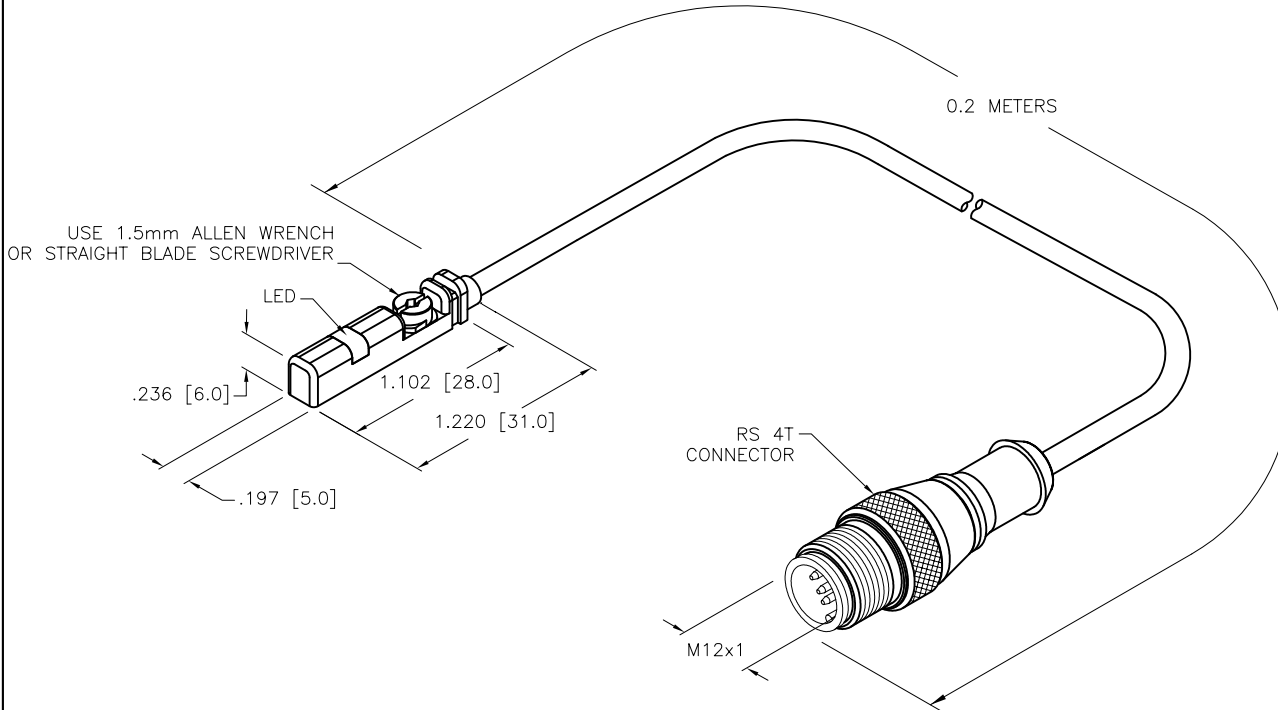


OUTPUT: AN6X


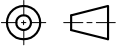
SHORT-CIRCUIT AND OVERLOAD PROTECTED

SPECIFICATIONS

PASS SPEED	≤ 10 m/s
HYSTERESIS	≤ 1 mm
TEMPERATURE DRIFT	≤ 0.1 mm
REPEAT ACCURACY	≥ ±0.1 mm
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 150 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, NPN
SHORT-CIRCUIT PROTECTED	YES
VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
MATERIAL ACTIVE AREA	PLASTIC, PP
CONNECTION	CABLE
CABLE	∅3.0, TPU/GRAY
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED: YELLOW



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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.			DRFT	RDS	DATE	01/03/13	DESCRIPTION BIM-UNT-AN6X-0.2-RS4T
2.			APVD	A.F.	SCALE	1=1.0	
3.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV
4.			INCH [MILLIMETER]		46857024		B
MATERIAL		SEE SPECS		DO NOT SCALE THIS DRAWING		FILE: 46857024	
FINISH		SEE SPECS		SHEET 1 OF 1			

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	
REV	DESCRIPTION	BY	DATE	ECO NO.