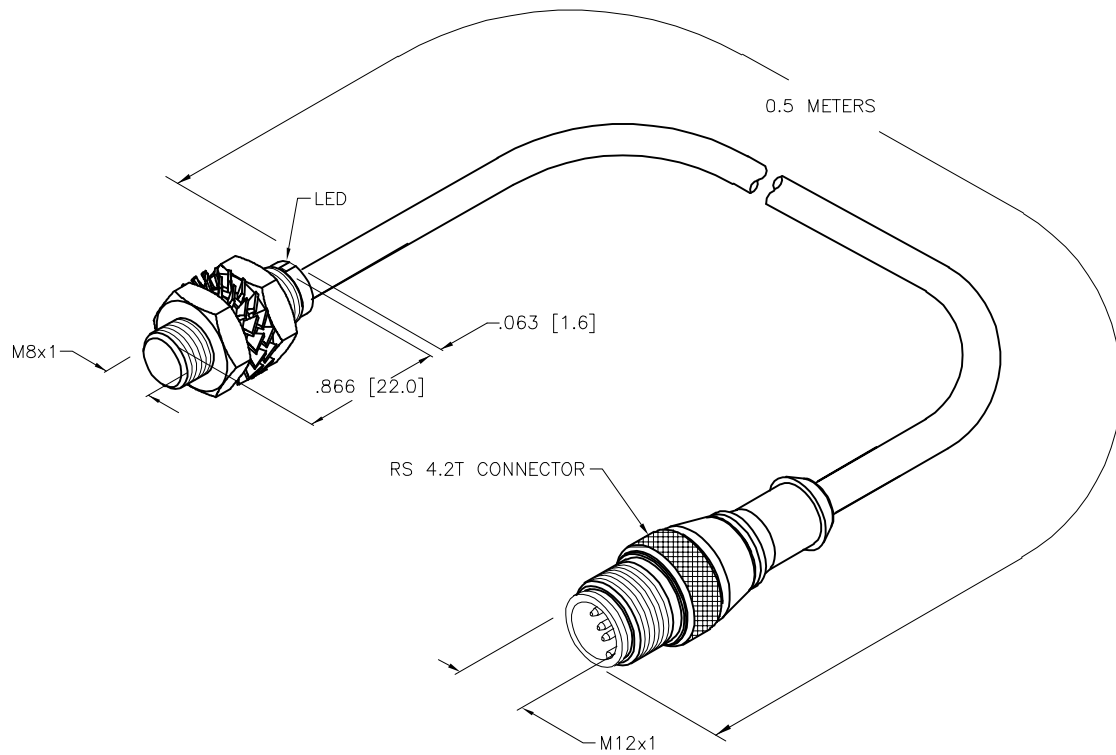


SPECIFICATIONS

RATED OPERATING DISTANCE	2.0 mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	1-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN
RATED OPERATIONAL VOLTAGE	10-55 VDC
RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 0.6 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX VOLTAGE DROP	≤ 3.5 V
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)
ACTIVE FACE	PLASTIC, PA12-GF20
END CAP	PLASTIC, PP
CABLE	∅4.0, LIFYY, PVC
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
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.				DRFT NF		DATE 03/10/21		DESCRIPTION BI2-EG08K-AG41X-0.5-RS4.2T	
MATERIAL  SEE NOTES		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD A.F.		SCALE 1=1.0		IDENTIFICATION NO. 100028637	
FINISH  SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		REV A		FILE: 100028637	
A DRAWING RELEASE		NF 03/16/21		DO NOT SCALE THIS DRAWING		SHEET 1 OF 1			
REV DESCRIPTION		BY DATE ECO NO.							