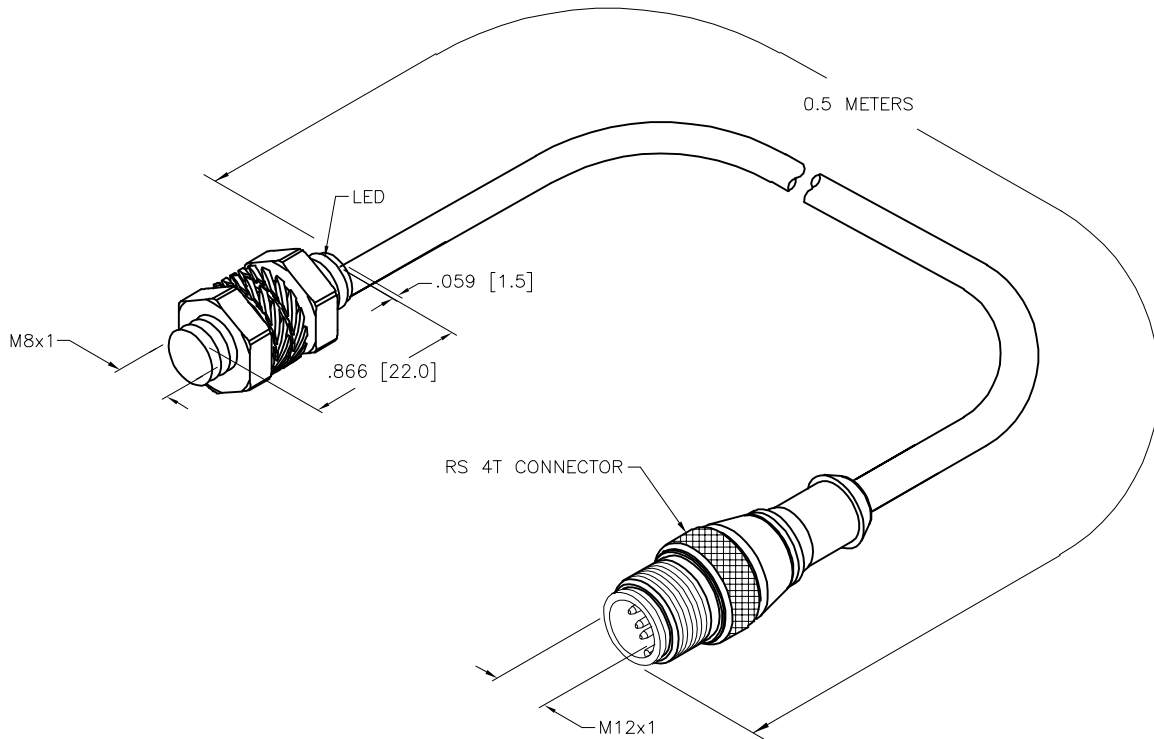


SPECIFICATIONS

RATED OPERATING DISTANCE	2.0 mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	20%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT (DC)	≤ 150 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY CLOSED, PNP
MAX. SWITCHING FREQUENCY	≤ 3.0 kHz
HOUSING MATERIAL	STAINLESS STEEL 1.4305 (AISI 303)
ACTIVE FACE MATERIAL	PLASTIC, PA6.6
END CAP MATERIAL	PLASTIC, PP
CABLE	∅3.3, LiFY-11Y, TPU
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 1. 2. 3. 4.	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	
	MATERIAL SEE NOTES	DRFT RDS APVD	DATE 04/26/10 SCALE 1=1.0	DESCRIPTION BI2-EG08K-RP6X-0.5-RS4T	
FINISH SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. 4669476	REV D
D UPDATE SPECS	NF 10/30/20	76258	DO NOT SCALE THIS DRAWING		
REV DESCRIPTION	BY DATE	ECO NO.	FILE: 4669476	SHEET 1 OF 1	