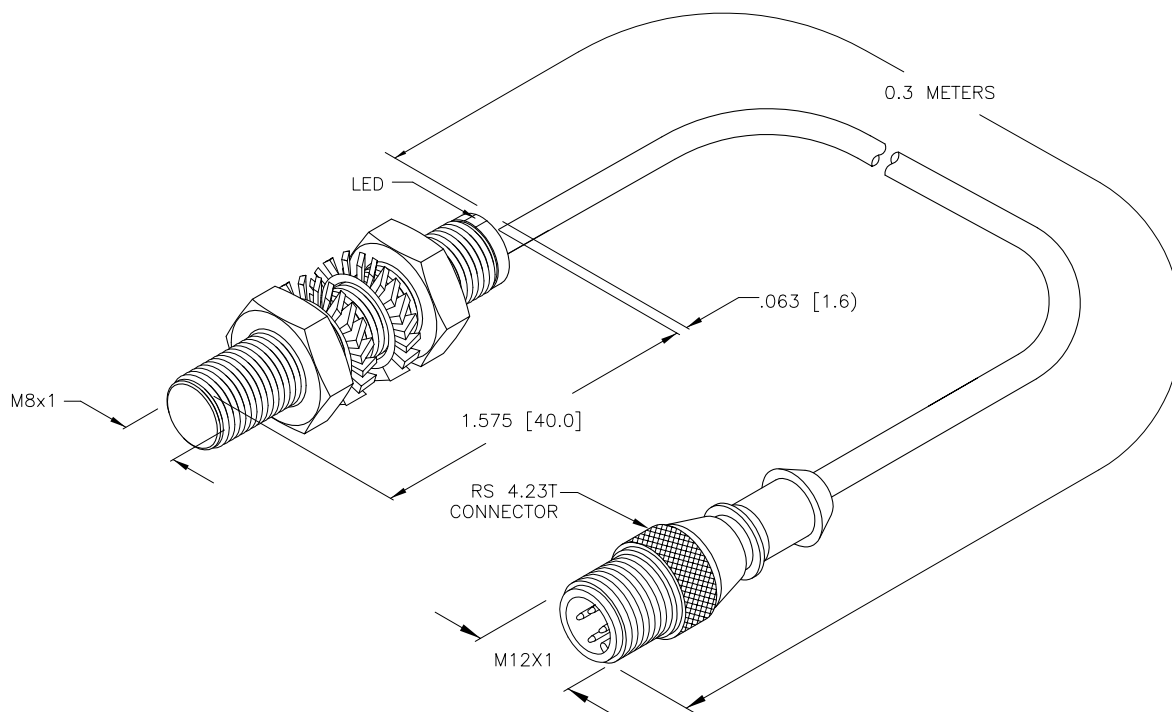
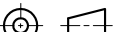


SPECIFICATIONS	
RATED OPERATING DISTANCE(Sn)	2 mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
DIFFERENTIAL TRAVEL (HYSTERESIS)	1–15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–55 VDC
RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 100 mA
MAX. OFF STATE (LEAKAGE) CURRENT	≤ 0.6 mA
MAX. SWITCHING FREQUENCY	≤ 1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT–CIRCUIT PROTECTED	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 3.5 V
HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)
ACTIVE FACE MATERIAL	PLASTIC, PBT–GF30
END CAP	PLASTIC, PP
CABLE	∅4, LifYY, PVC
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
PROTECTION DEGREE	IEC IP67
SWITCHING STATUS INDICATION	LED: YELLOW
OUTPUT FUNCTION	2–WIRE, NORMALLY OPEN



SOURCE DRAWING - FOR REFERENCE ONLY

1. "/S1589" DESIGNATES WELDGUARD FRONT FACE.

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		 High Technology Sensors and Automation Controls		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
1. 2. 3. 4.				DRFT CK DATE 06/02/11		DESCRIPTION BI 2-EG08-AG41X-0.3M-RS 4.23T/S1589			
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DSGN SCALE 1=1.5		IDENTIFICATION NO. S4562097-1 REV A			
SEE NOTES		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		FILE: S4562097-1 SHEET 1 OF 1			
FINISH									
SEE NOTES									