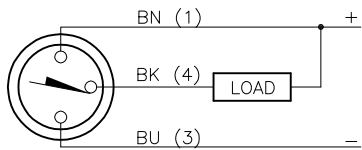
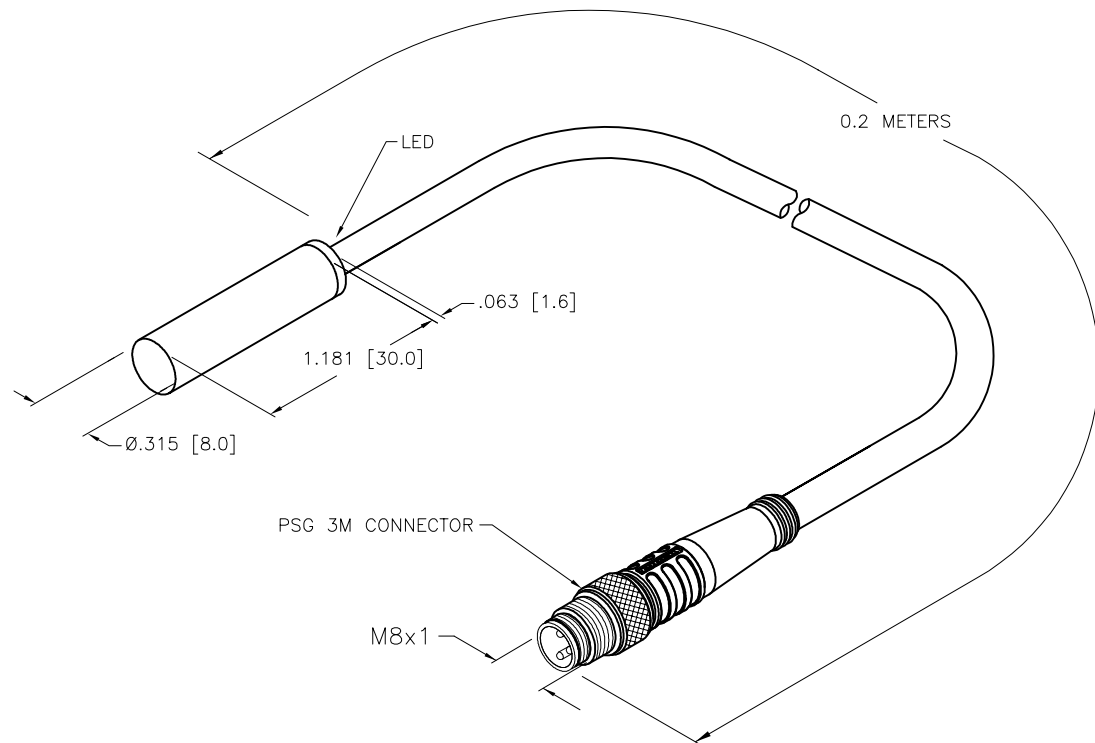


WIRING DIAGRAM



OUTPUT: AN6X  
SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	1.5 mm [0.059"]
HYSTERESIS	1-15% (5% TYPICAL)
MIN. REPEAT ACCURACY	≤ 5%
MAX. TEMPERATURE DRIFT	≤ ±10% C°
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT (DC)	≤ 100 mA
NO LOAD CURRENT	5.5-9.5 mA
RESIDUAL CURRENT	≤ 10 μA
CONTINUOUS LOAD CURRENT	≤ 150 mA
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 170 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
MAX. SWITCHING FREQUENCY	≤ 5000 Hz
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V @ 150 mA
WIRE-BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
CABLE	2 METER LENGTH, TPU
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (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.				DRFT RDS DATE 05/02/08		DESCRIPTION			
MATERIAL BRASS BARREL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD		SCALE NONE		BI1.5-H08K-AN6X-0.2M-PSG3M	
FINISH COPPER/NICKEL/ CHROME PLATING		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT <b>NCH [ MILLIMETER ]</b>		IDENTIFICATION NO.		REV	
D UPDATE ID NUMBER PER HARMONIZATION PROJECT		CBM 11/06/17		DO NOT SCALE THIS DRAWING		1604399		D	
REV DESCRIPTION		BY DATE ECO NO.		FILE: 1604399		SHEET 1 OF 1			