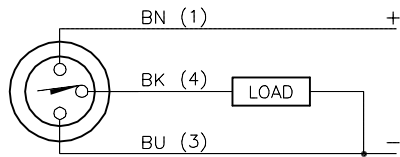
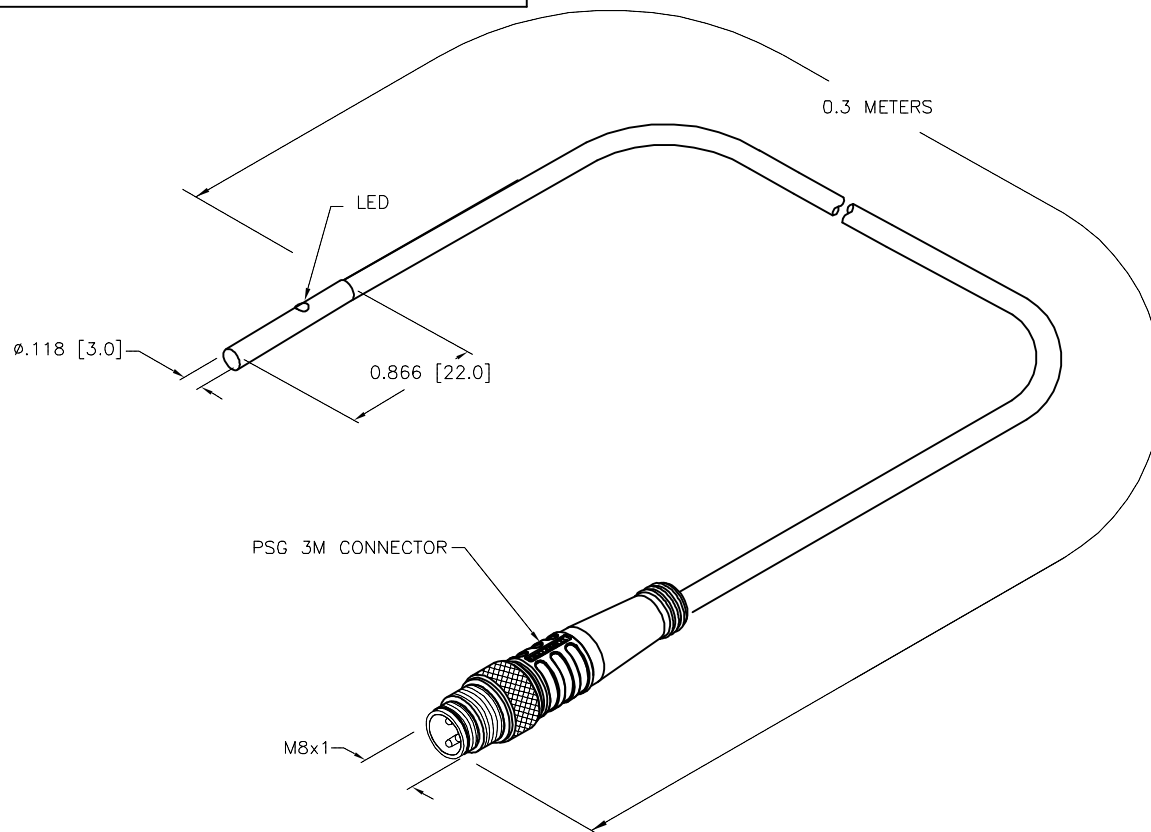


WIRING DIAGRAM



OUTPUT: AP6X

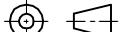
WARNING: NO SHORT-CIRCUIT PROTECTION



SPECIFICATIONS

RATED OPERATING DISTANCE	1 mm [0.039"]
MOUNTING MODE	FLUSH
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
MAX. TEMPERTURE DRIFT	≤ ±10%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤ 20%
RATED OPERATIONAL CURRENT (DC)	≤ 100 mA
NO LOAD CURRENT	≤ 10 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 3 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3–WIRE, NORMALLY OPEN, PNP
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 2.0 V
WIRE-BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	METAL, V2A 1.4301
ACTIVE FACE	PLASTIC, POLYESTER
CABLE	ø2.6, LifY–11Y, 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 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. TURCK		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us			
							
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	RDS	DATE	12/09/16	DESCRIPTION BI1-EH03-AP6X-0.3-PSG3M	
		APVD	A.F.	SCALE	1=1.0		
FINISH		UNIT OF MEASUREMENT		IDENTIFICATION NO.			REV
		INCH [MILLIMETER]		1619381			B
		DO NOT SCALE THIS DRAWING			FILE: 1619381	SHEET 1 OF 1	

B	UPDATE DESCRIPTION	RDS	10/06/17	62567
REV	DESCRIPTION	BY	DATE	ECO NO.