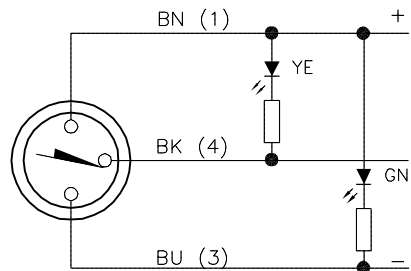
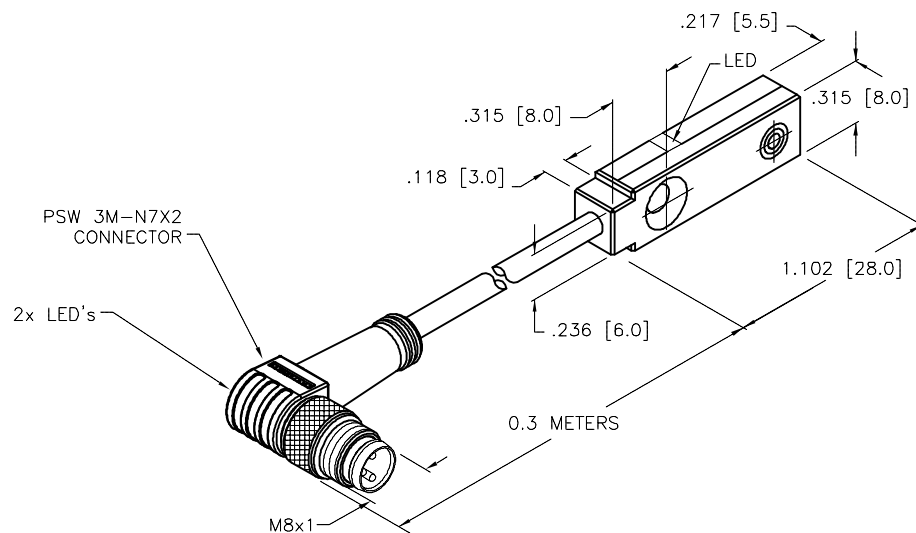


WIRING DIAGRAM



OUTPUT: AN6X
SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	2mm = .079" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS (SWITCHING DISTANCE)	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 150 mA
NO-LOAD CURRENT	≤ 15 mA
MAX. OFF-STATE CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN
MAX. SWITCHING FREQUENCY	≤ 2 kHz
WELD FIELD IMMUNE	YES
HOUSING MATERIAL/COLOR	PLASTIC, PP/YELLOW
ACTIVE FACE	PLASTIC, PA12-GF30
CABLE	Ø3.0, TPU
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW
POWER ON INDICATION	LED, GREEN

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. TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us			
1.							
2.							
3.							
4.							
MATERIAL		DRFT RDS		DATE 07/09/07		DESCRIPTION	
SEE SPECIFICATIONS		APVD GN		SCALE 1=1.0		BI 2-Q5.5-AN6X-0.3M-PSW 3M-N7X2	
		UNIT OF MEASUREMENT				IDENTIFICATION NO.	
		INCH [MILLIMETER]				S16131003	
FINISH		CONTACT TURCK FOR MORE INFORMATION		REV			
SEE SPECIFICATIONS				F			
				FILE: S16131003			
				SHEET 1 OF 1			

F	UPDATED CABLE LENGTH DIMENSION PER ECO	TV	07/29/16	56109
REV	DESCRIPTION	BY	DATE	ECO NO.