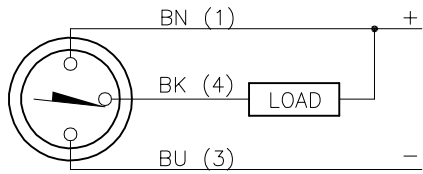
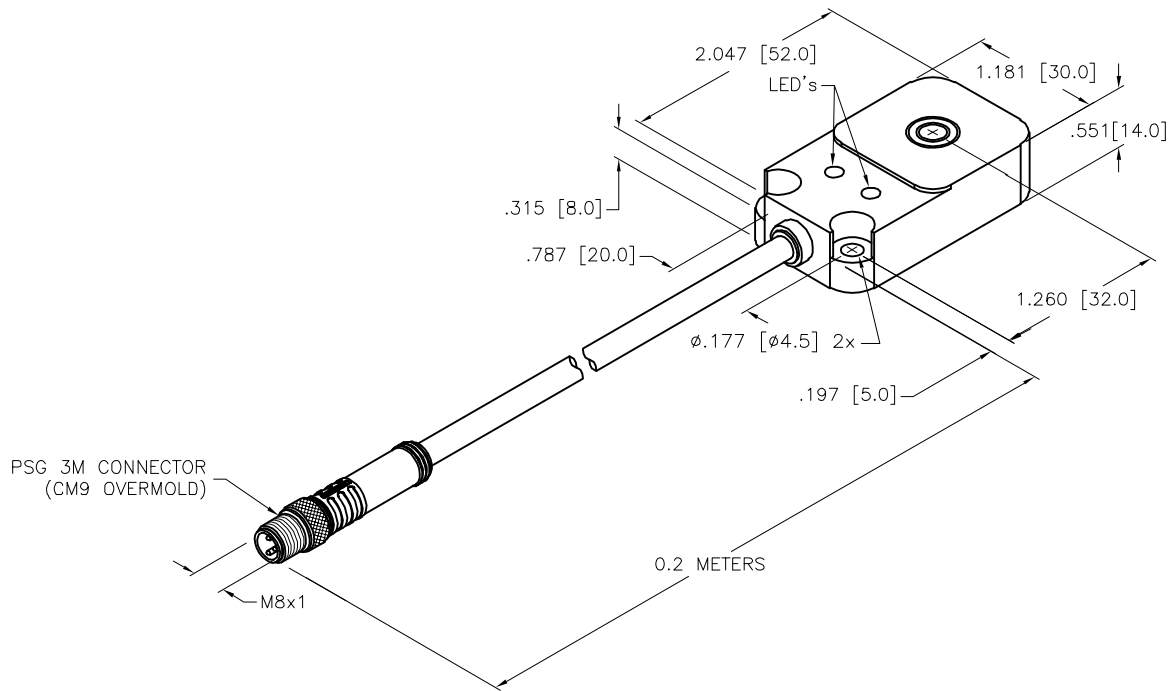


WIRING DIAGRAM



OUTPUT: AN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	20mm = .787" (NOMINAL)
MOUNTING MODE	NON-FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL 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	≤ 0.25 kHz
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
MATERIAL ACTIVE FACE	PLASTIC, PBT-GF30-V0
CABLE	∅5.2, TPU
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
OPERATING VOLTAGE DISPLAY	LED, GREEN
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.			ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	11/12/14
2.				APVD	A.F.	SCALE	1=1.5
3.		UNIT OF MEASUREMENT				DESCRIPTION	
4.		INCH [ MILLIMETER ]				NI20-Q14-AN6X2-0.2-PSG3M	
MATERIAL		SEE SPECIFICATIONS		IDENTIFICATION NO.		REV	
FINISH		SEE SPECIFICATIONS		46902200		C	
CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		FILE: 46902200		SHEET 1 OF 1	

C	UPDATE MOLD BODY	NF	05/25/22	500000005371
REV	DESCRIPTION	BY	DATE	ECO NO.