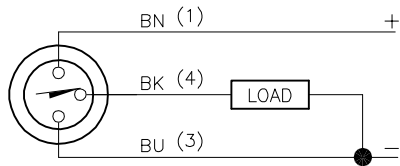
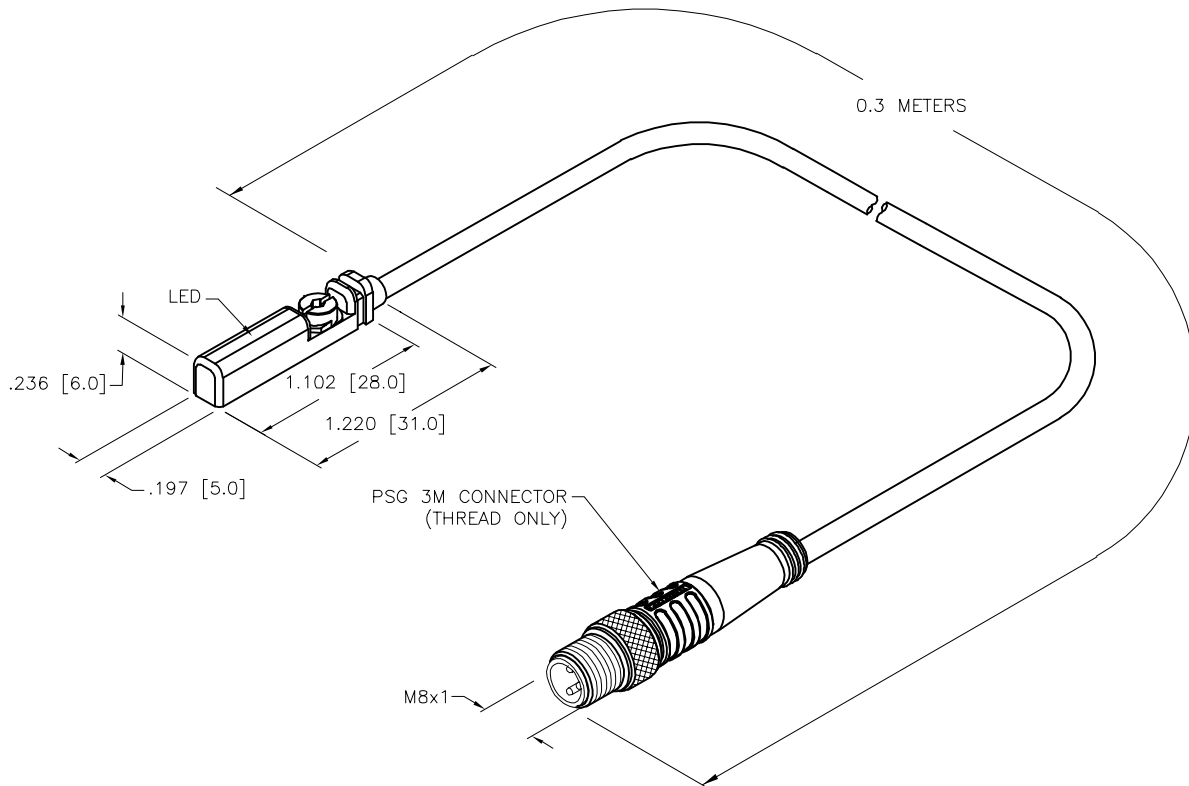


## WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



## SPECIFICATIONS

PASS SPEED	≤ 10 m/s
HYSTERESIS	≤ 1mm
TEMPERATURE DRIFT	≤ 0.1mm
MIN. ABSOLUTE REPEAT ACCURACY	≥ ±0.1mm
OPERATING TEMPERATURE	-25°C to +100°C (-13°F to +212°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 150 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CABLE	∅3.0, TPE
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED, YELLOW
INCLUDED IN SCOPE OF SUPPLY	CABLE CLIP

### NOTES:

- "/S100" DESIGNATES SENSOR WITH A HIGH RATED OPERATING TEMPERATURE OF +100°C (+212°F).
- "/S1165" DESIGNATES CABLE WHICH IS SUITABLE FOR A TEMPERATURE UP TO +100°C.

### SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL	DRFT RDS	DATE 05/03/17	DESCRIPTION BIM-UNT-AP6X-0.3-PSG3M/S100/S1165	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD A.F.	SCALE 1=1.0	IDENTIFICATION NO. 46857551	
	CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		REV B	
		DO NOT SCALE THIS DRAWING		FILE: 46857551	SHEET 1 OF 1

B	UPDATE LED	NF	02/18/21	76512
REV	DESCRIPTION	BY	DATE	ECO NO.