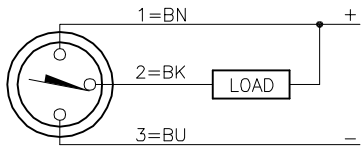


# WIRING DIAGRAM

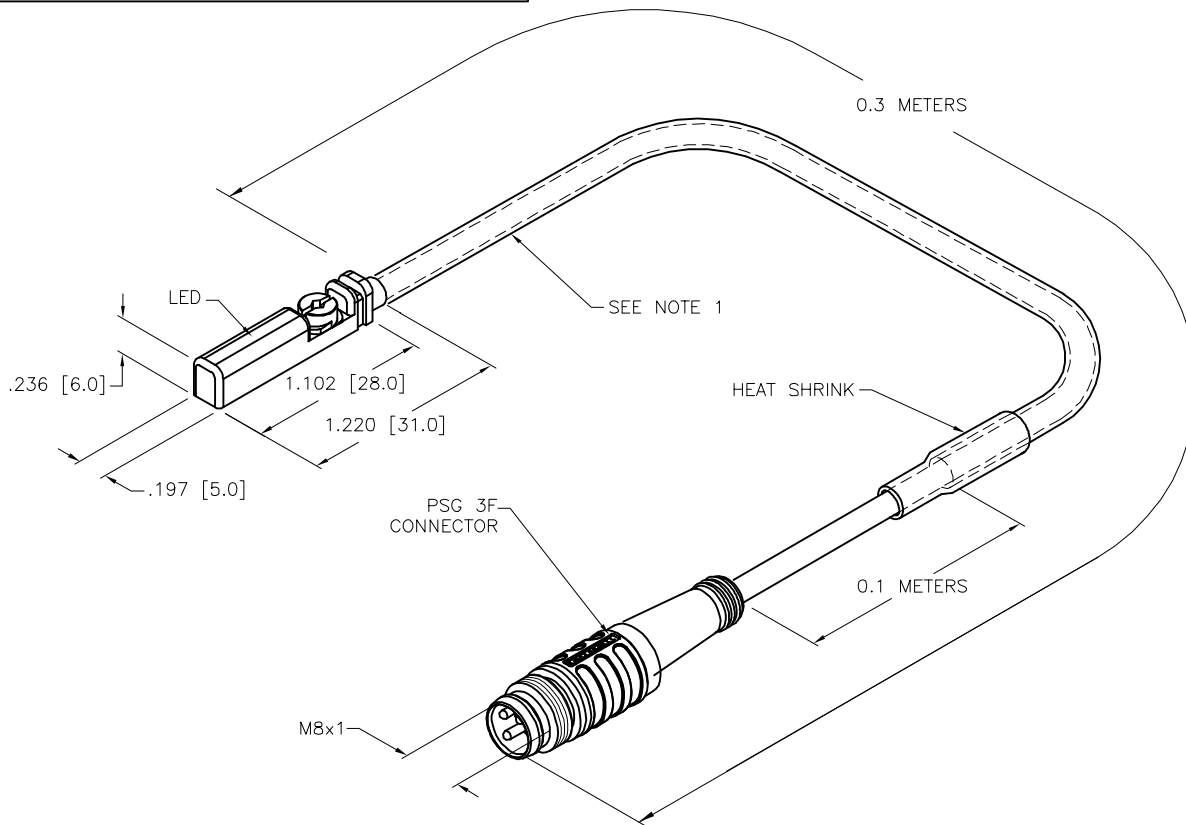


OUTPUT: AN6X

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 +70°C (-13°F to +158°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, NPN
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	ø3.0, LifYY-11Y, TPU
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:

1. "/S1764" WELDGUARD COATED SENSOR WITH FIREFAST VITON SLEEVING. SLEEVE STARTS ON SENSOR END, AND COVERS ALL BUT 100MM OF CABLE HELD IN PLACE BY SHRINK TUBE.

SOURCE DRAWING - FOR REFERENCE ONLY

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	MATERIAL	DRFT RDS	DATE 09/19/18	DESCRIPTION BIM-UNT-AN6X-0.3-PSG3F/S1764	
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	APVD A.F.	SCALE 1=1.0	IDENTIFICATION NO. 4685989	
CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		REV B	
DO NOT SCALE THIS DRAWING		FILE: 4685989		SHEET 1 OF 1	

B	UPDATE SENSOR BODY AND PROTECTION CLASS	RDS	02/11/21	76491
REV	DESCRIPTION	BY	DATE	ECO NO.