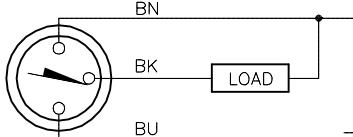
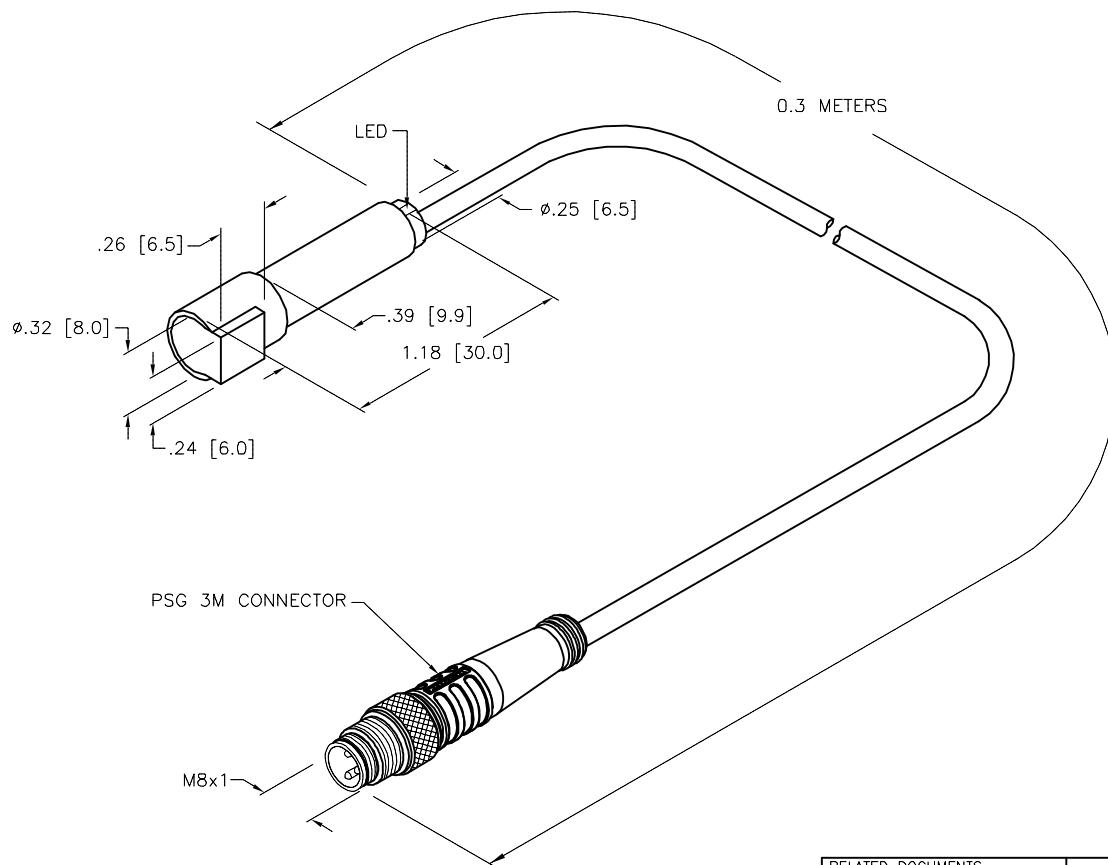


## WIRING DIAGRAM



OUTPUT: AN6X

## SHORT-CIRCUIT AND OVERLOAD PROTECTED



## SPECIFICATIONS

RATED OPERATING DISTANCE	1.5 mm = .059" (NOMINAL)
MOUNTING MODE	FLUSH
HYSTERESIS	3–15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	–25°C to +70°C (–13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10–30 VDC
RESIDUAL RIPPLE	≤10%
RATED OPERATIONAL CURRENT	≤ 150 mA
NO LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 3 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN
SHORT-CIRCUIT PROTECTED	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	METAL, CHROME-PLATED BRASS
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
EDN CAP MATERIAL	PLASTIC, PP
CABLE	Ø4, TPU
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IEC IP67
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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1. 2. 3. 4.							
MATERIAL		DRFT	RDS	DATE 06/21/10	DESCRIPTION BI 1.5-HS865-AN6X-0.3M-PSG 3M		
SEE SPECIFICATIONS		APVD		SCALE 1=1.0			
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT	IDENTIFICATION NO.		REV
SEE SPECIFICATIONS		CONTACT TURCK FOR MORE INFORMATION		<b>INCH [ MILLIMETER ]</b>	S4604397		C
				DO NOT SCALE THIS DRAWING	FILE: S4604397		SHEET 1 OF 1