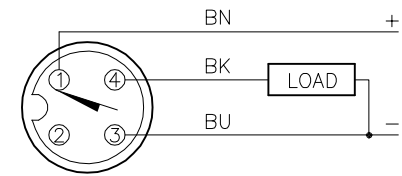
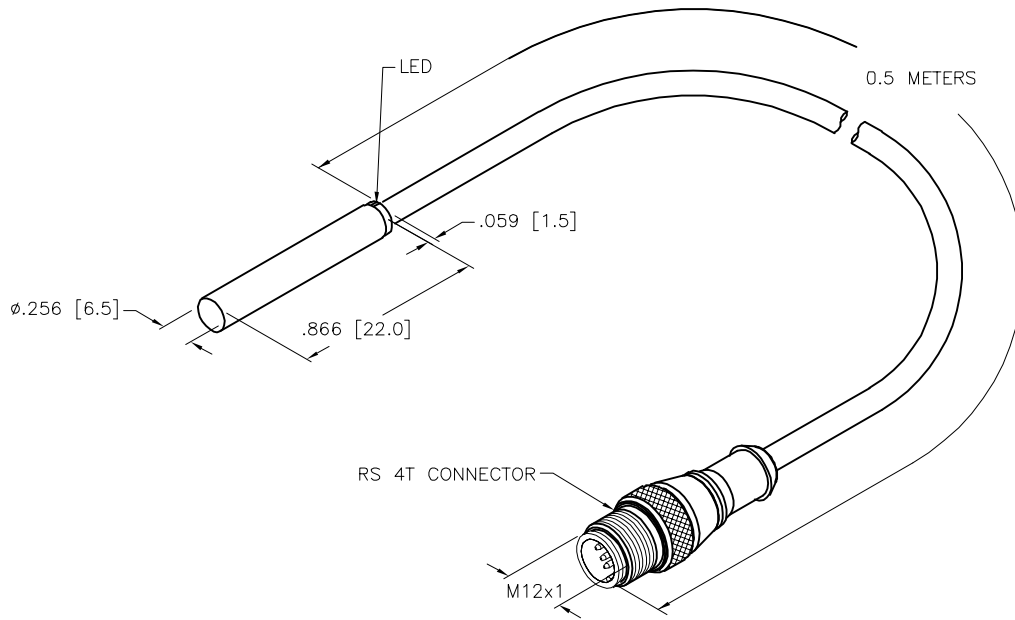


WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	2mm = .079"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	$\leq \pm 10\%$
HYSTERESIS	20%
MIN. REPEAT ACCURACY	$\leq 2\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	$\leq 10\%$
DC RATED OPERATIONAL CURRENT	$\leq 150 \text{ mA}$
NO LOAD CURRENT	$\leq 15 \text{ mA}$
RESIDUAL CURRENT	$\leq 0.1 \text{ mA}$
RATED INSULATION VOLTAGE	$\leq 0.5 \text{ kV}$
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	$\leq 1.8 \text{ V}$
WIRE BREAKAGE PROTECTION	YES
REVERSE POLARITY PROTECTION	YES
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
MAX. SWITCHING FREQUENCY	$\leq 3.0 \text{ kHz}$
HOUSING MATERIAL	STAINLESS STEEL, 1.4305 (AISI 303)
ACTIVE FACE	PLASTIC, PA6.6
END CAP	PLASTIC, PP
CABLE	$\phi 3.3$ , TPU
VIBRATION RESISTANCE	55 Hz, (1mm) IN ALL 3 PLANES
SHOCK RESISTANCE	30 g, (11 ms)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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1.				DRFT ER		DATE 04/19/21			
2.				APVD A.F.		SCALE 1=1.3			
3.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DESCRIPTION					
4.				BIZ-EH6.5K-AP6X-0.5-RS4T					
MATERIAL		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.			
FINISH				<b>INCH [ MILLIMETER ]</b>		100029774		REV A	
A DRAWING RELEASE		ER 04/21/21		DO NOT SCALE THIS DRAWING				FILE: 100029774	
REV DESCRIPTION		BY DATE ECO NO.		SHEET 1 OF 1					

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