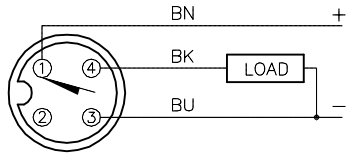
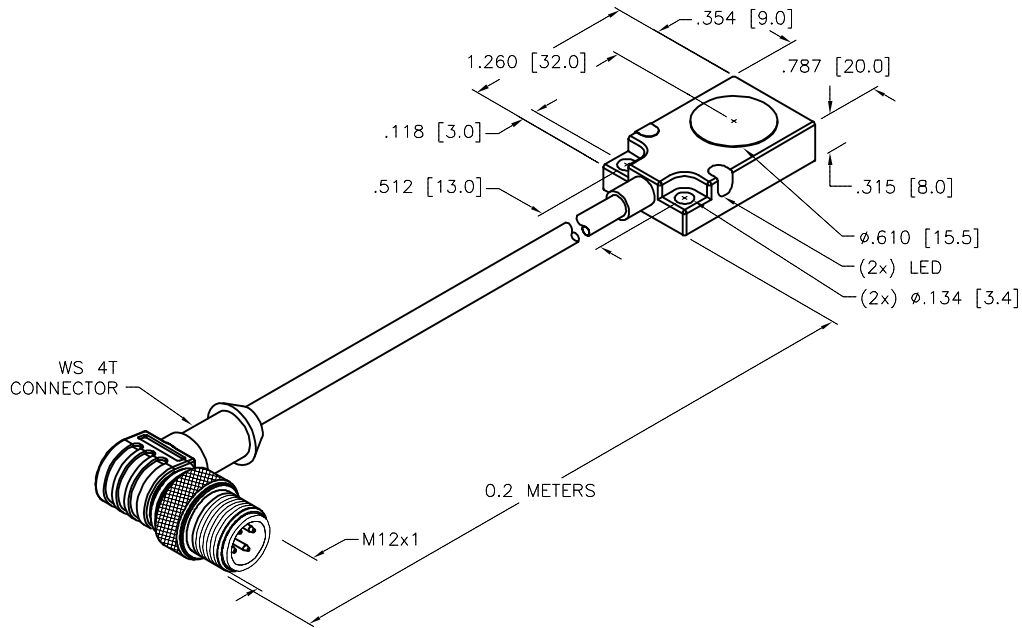


WIRING DIAGRAM



OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	5mm = .197"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10% ≤±15%, ≤25°C v ≥ +70°C
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤2%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°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 PROTECTED	YES
MAX. VOLTAGE DROP	≤1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤0.25 kHz
HOUSING MATERIAL	METAL, GD-ZN, BLACK
ACTIVE FACE MATERIAL	PLASTIC, LCP-GF30, YELLOW
CABLE	ø4.0, Lify-11Y, TPU
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

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1. 2. 3. 4.				DRFT RDS DATE 09/14/16 APVD A.F. SCALE 1=1.3		DESCRIPTION		BI5U-Q08-AP6X2-0.2M-WS4T	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
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FINISH		DO NOT SCALE THIS DRAWING		FILE: 1608976		SHEET 1 OF 1			
C	UPDATE COUPLING NUT	RDS	04/19/18	56903					
REV	DESCRIPTION	BY	DATE	ECO NO.					