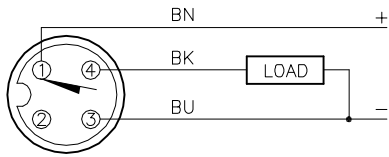
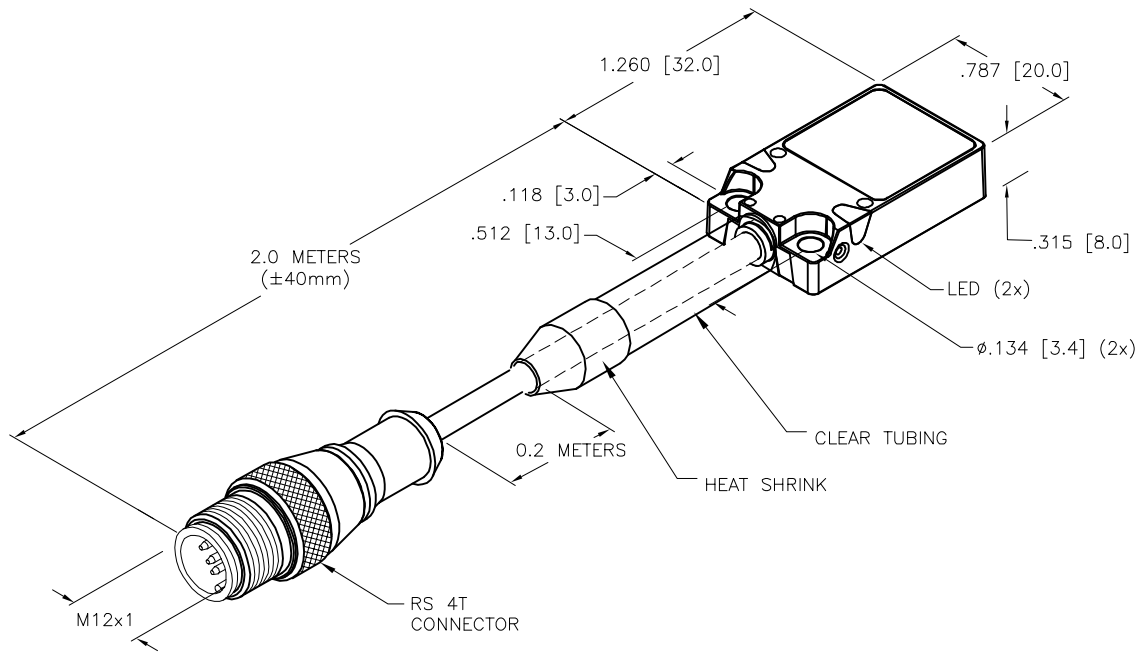


WIRING DIAGRAM



OUTPUT: AP6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	7mm = .276" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤ 10%
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	≤ 0.5 kHz
HOUSING MATERIAL	METAL, ZAMAK, NICKEL-PLATED
ACTIVE FACE	PLASTIC, PP, YELLOW
CABLE	ø3mm, Lify-11Y, TPU
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

NOTES:

1. "/S1732" DESIGNATES SENSOR WITH SILICONE TUBING OVERTOP THE ACTUAL CABLE JACKET. FOR CABLES WITH CONNECTOR MOLD-ON A MINIMUM OF 0.5M OVERALL CABLE LENGTH REQUIRED FOR MANUFACTURING PURPOSES. ALSO, TUBING MUST BE A MINIMUM OF 200MM SHORTER THAN CABLE LENGTH. HEAT SHRINK WILL BE USED TO SEAL CABLE AT CONNECTOR END.

SOURCE DRAWING - FOR REFERENCE ONLY

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1. 2. 3. 4.				DRFT RDS		DATE 02/14/11		DESCRIPTION	
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD		SCALE 1=1.0		B17-Q08-AP6X2-2-RS4T/S1732	
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV	
E UPDATE SPECS AND SENSOR BODY		RDS 03/12/21		INCH [MILLIMETER]		16016000		E	
REV DESCRIPTION		BY DATE ECO NO.		DO NOT SCALE THIS DRAWING		FILE: 16016000		SHEET 1 OF 1	