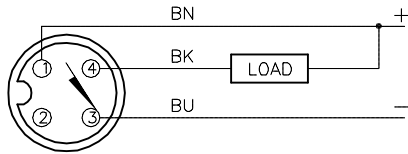
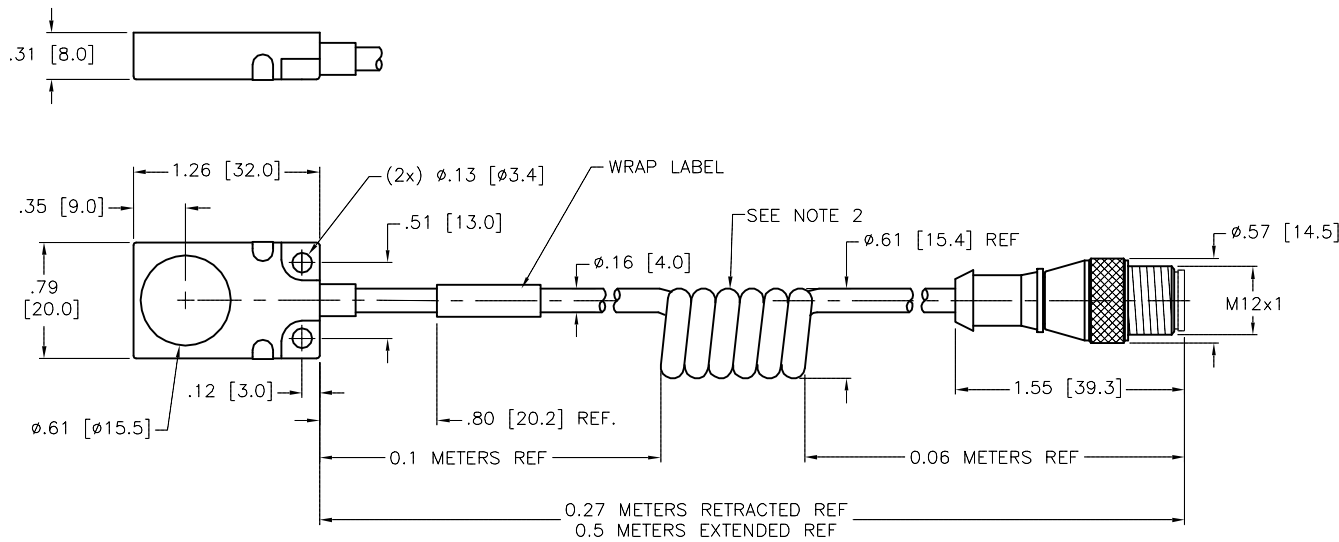


WIRING DIAGRAM



OUTPUT: AN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	5mm = .197" (NOMINAL)
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, NPN
MAX. SWITCHING FREQUENCY	≤ 0.25 kHz
HOUSING MATERIAL	METAL, GD-ZN, BLACK
ACTIVE FACE MATERIAL	PLASTIC, LCP-GF30, YELLOW
CABLE	∅4.0, 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

NOTES:

1. "/CS14439" DESIGNATES COILED CABLE ON SENSOR STARTING AT 100mm FROM SENSOR HOUSING. WRAP LABEL LOCATED 20mm (REF.) FROM SENSOR HOUSING.

2. NUMBER OF COILS IS REFERENCE ONLY.

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1. 2. 3. 4.				DRFT RDS DATE 04/08/14 APVD A.F. SCALE 1=1.3		DESCRIPTION BI 5U-Q08-AN6X2-0.5M-RS 4T/CS14439	
MATERIAL SEE SPECS		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT <b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO. S1608911-005	
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REV DESCRIPTION		BY DATE ECO NO.					