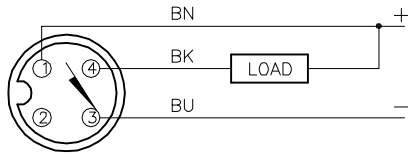


WIRING DIAGRAM

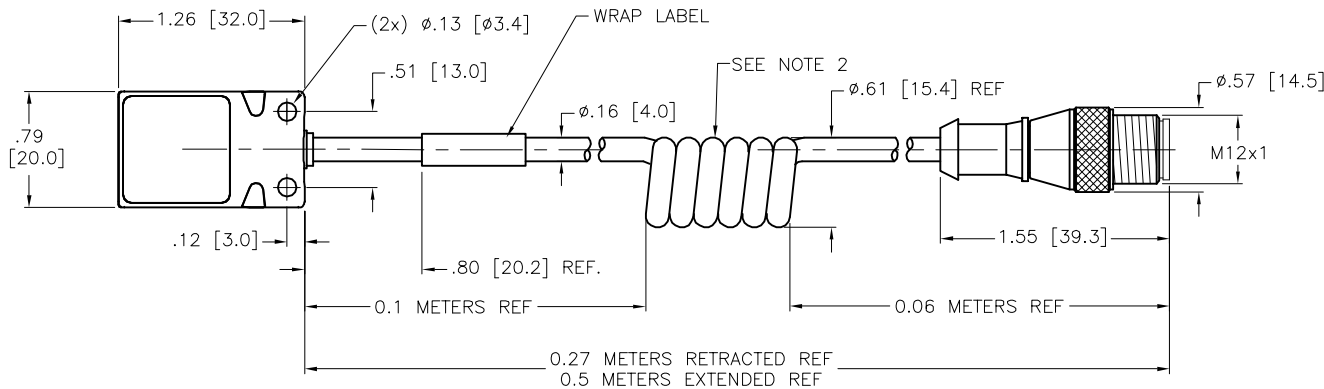


OUTPUT: AN6X2

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, ZAMAK, NICKEL-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PP, YELLOW
CABLE	∅3mm, 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



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.

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
1. 2. 3. 4.				DRFT	RDS	DATE	04/08/14
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD	A.F.	SCALE	1=1.3
SEE SPECS		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT		DESCRIPTION	
FINISH		SEE SPECS		INCH [MILLIMETER]		BI5U-Q08-AN6X2-0.5-RS4T/CS14439	
B UPDATE ID NUMBER PER HARMONIZATION PROJECT		CBM 12/20/17		DO NOT SCALE THIS DRAWING		IDENTIFICATION NO.	
REV DESCRIPTION		BY DATE ECO NO.		FILE: 16089115		REV	
						16089115	
						B	
						SHEET 1 OF 1	