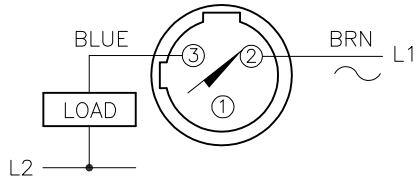
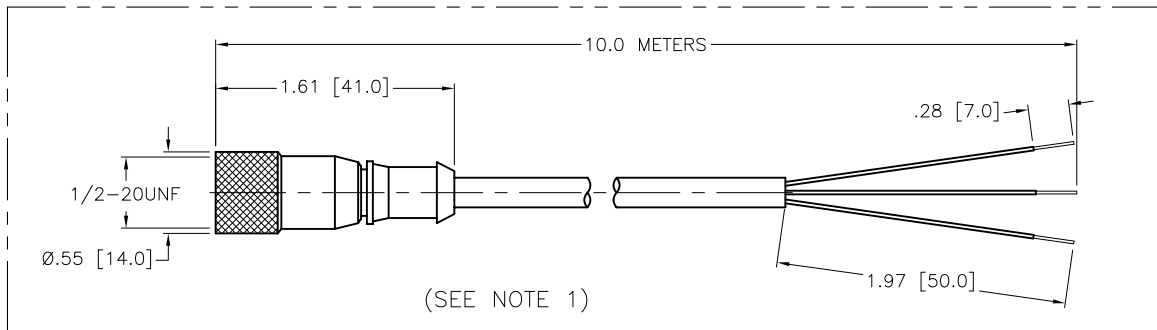
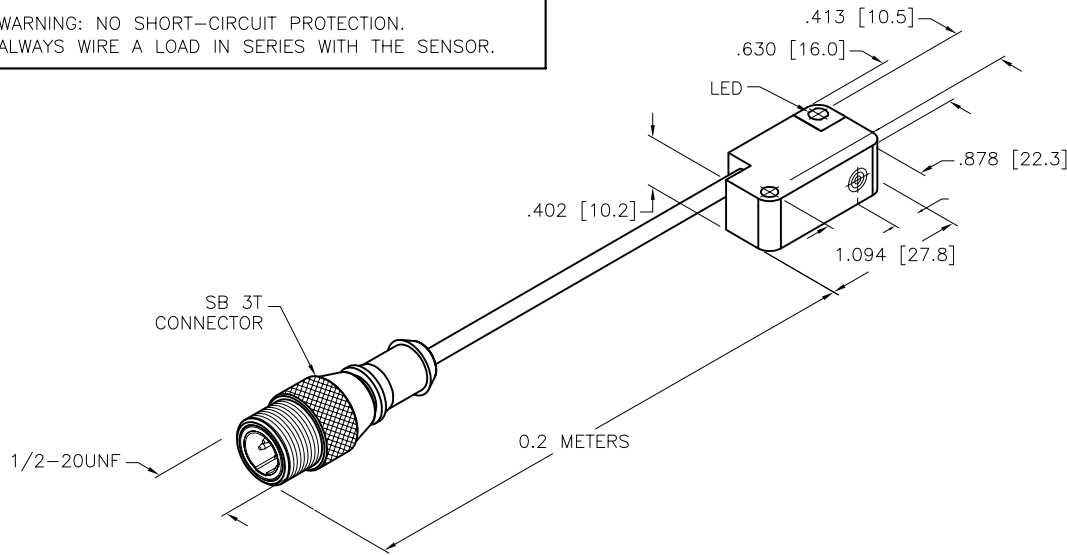


WIRING DIAGRAM



OUTPUT: AZ31X

WARNING: NO SHORT-CIRCUIT PROTECTION.
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.




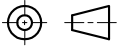
NOTES:

1. "/CS11570" DESIGNATES SENSOR BAGGED WITH 10 METER STRAIGHT FEMALE MICRO USING CABLE 101550584 (1-GN/YE, 2-BN, 3-BU)

SPECIFICATIONS

RATED OPERATING DISTANCE	2mm = .079"
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)
OPERATING VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 100mA/≤ 100mA
MAINS FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 1.0 A (≤ 10 ms. max. 5 Hz)
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.06 kHz
HOUSING MATERIAL	PLASTIC, PP-GF20
ACTIVE FACE	PLASTIC, PP-GF20
CABLE	∅3.0, Lif9Y-11Y, TPU
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR 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.				DRFT RDS		DATE 11/12/13	
2.				APVD A.F.		SCALE 1=1.3	
3.		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT			
4.				INCH [MILLIMETER]			
MATERIAL		CONTACT TURCK FOR MORE INFORMATION		DESCRIPTION		BI2-Q10S-AZ31X-0.2M-SB3T/CS11570	
FINISH				IDENTIFICATION NO.		REV	
				13091880		B	
B UPDATE ID NUMBER PER HARMONIZATION PROJECT		CBM 11/06/17		DO NOT SCALE THIS DRAWING		FILE: 13091880	
REV DESCRIPTION		BY DATE ECO NO.		SHEET 1 OF 1			