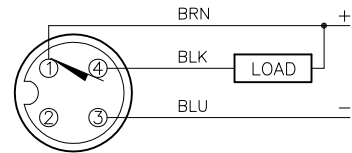
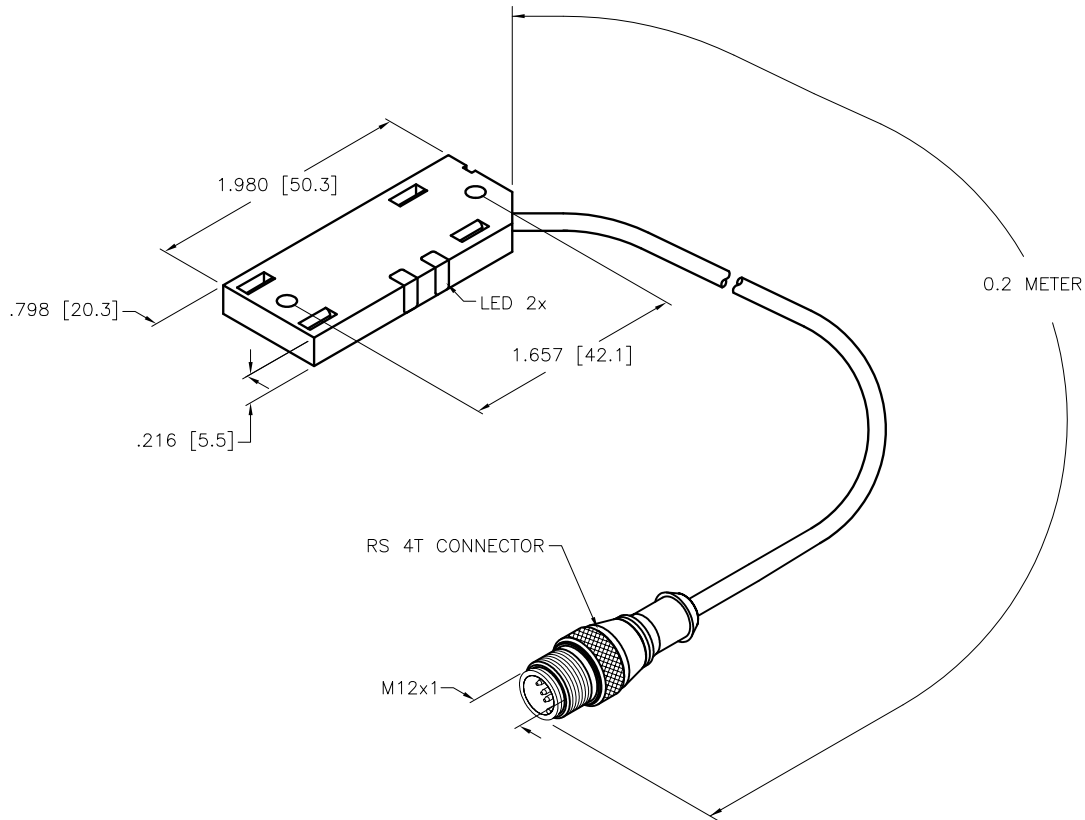


WIRING DIAGRAM



OUTPUT: RN6X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	10 mm = .394"
TEMPERATURE DRIFT	≤ ±20%
HYSTERESIS	2-20%
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%
DC RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY CLOSED, NPN
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE	PLASTIC, PP
CABLE	∅3.0, 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

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.			ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	NF	DATE	02/17/17
2.				APVD		SCALE	1=1.5
3.		UNIT OF MEASUREMENT				DESCRIPTION	
4.		INCH [ MILLIMETER ]				BC10-QF5.5-RN6X2-0.2-RS4T	
MATERIAL		CONTACT TURCK FOR MORE INFORMATION				IDENTIFICATION NO.	
FINISH		DO NOT SCALE THIS DRAWING				26201972	
REV		BY				REV	
UPDATE ID NUMBER PER HARMONIZATION PROJECT		DATE				B	
DESCRIPTION		ECO NO.				FILE: 26201972	
						SHEET 1 OF 1	

B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	
REV	DESCRIPTION	BY	DATE	ECO NO.