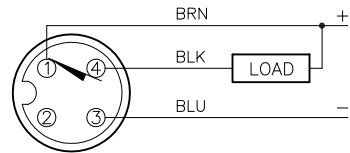
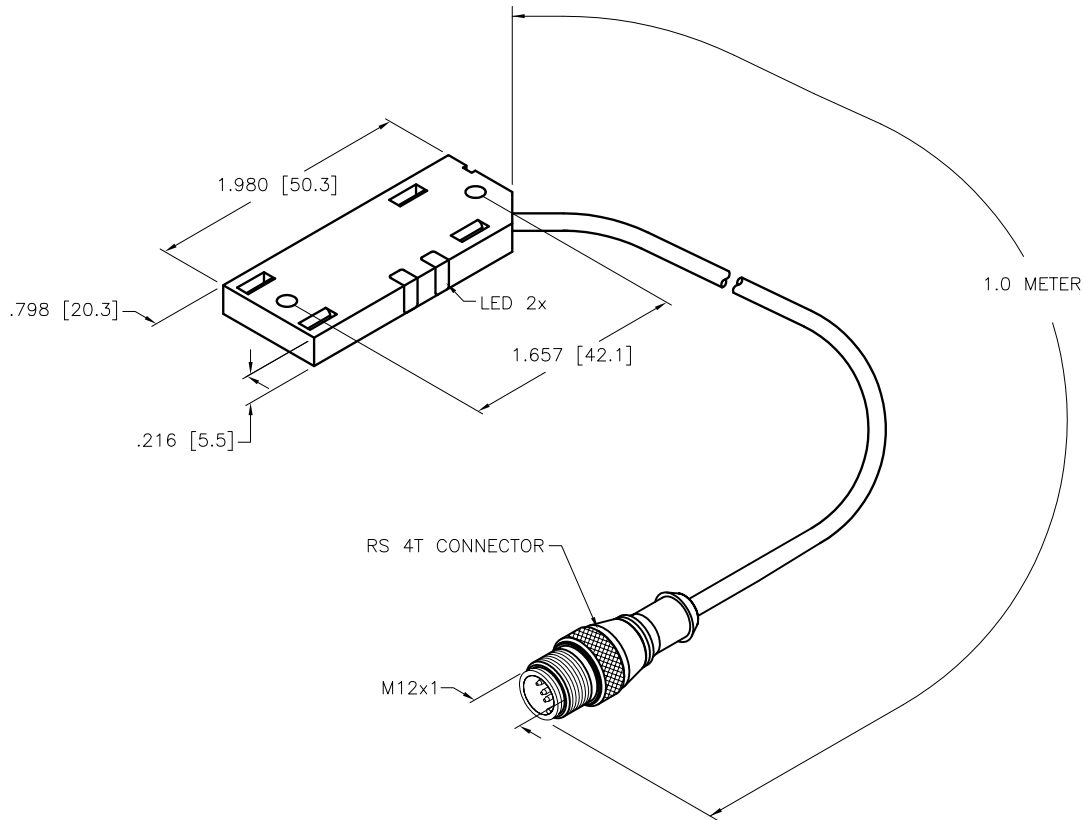


WIRING DIAGRAM



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. 2. 3. 4.				DRFT RDS DATE 05/20/14 APVD SCALE 1=1.5		DESCRIPTION BC10-QF5.5-RN6X2-1-RS4T		
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		IDENTIFICATION NO.		
FINISH		CONTACT TURCK FOR MORE INFORMATION		INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		REV 26201282 B		
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	FILE: 26201282				SHEET 1 OF 1
REV	DESCRIPTION	BY	DATE	ECO NO.				

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