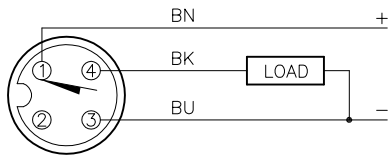
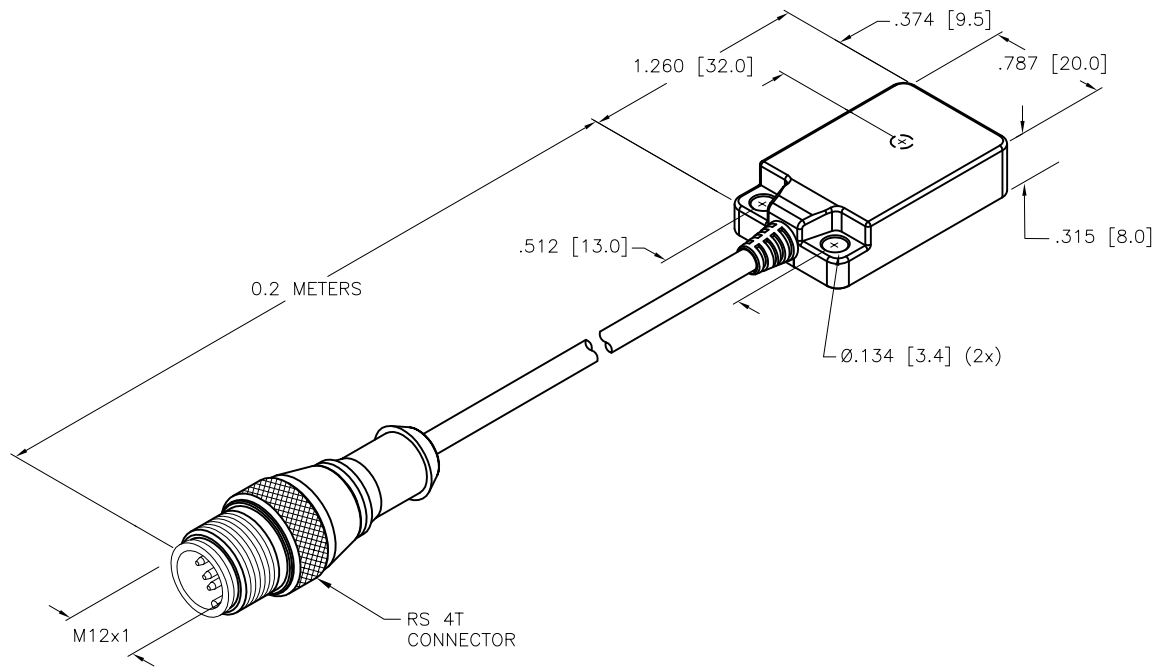


WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

RATED OPERATING DISTANCE	7mm = .276"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	$\leq \pm 10\%$
HYSTERESIS	15%
MIN. REPEAT ACCURACY	$\leq 5\%$
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	$\leq 20\%$
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 10 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 2.0 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤ 0.2 kHz
HOUSING MATERIAL	STAINLESS STEEL, 1.4401/LCP
ACTIVE FACE	STAINLESS STEEL, VA
CABLE	$\varnothing 3.5$, TPU
SHOCK	30 g (11 ms)
VIBRATION	55 Hz (1mm)
DEGREE OF PROTECTION	IP68/IP69K
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S1589" DESIGNATES WELDGUARD LAMINATE COATING.

RELATED DOCUMENTS		3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. TURCK 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us				
1. 2. 3. 4.								
MATERIAL		DRFT TV		DATE 10/05/15		DESCRIPTION BI7-Q08F-AP6X-0.2-RS4T/S1589		
		APVD A.F.		SCALE 1=1.0				
FINISH		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV
				INCH [MILLIMETER]		16089163		B
				DO NOT SCALE THIS DRAWING		FILE: 16089163		SHEET 1 OF 1
		CONTACT TURCK FOR MORE INFORMATION						

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