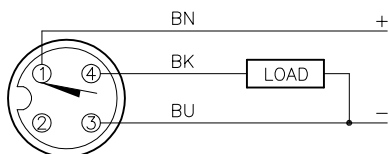
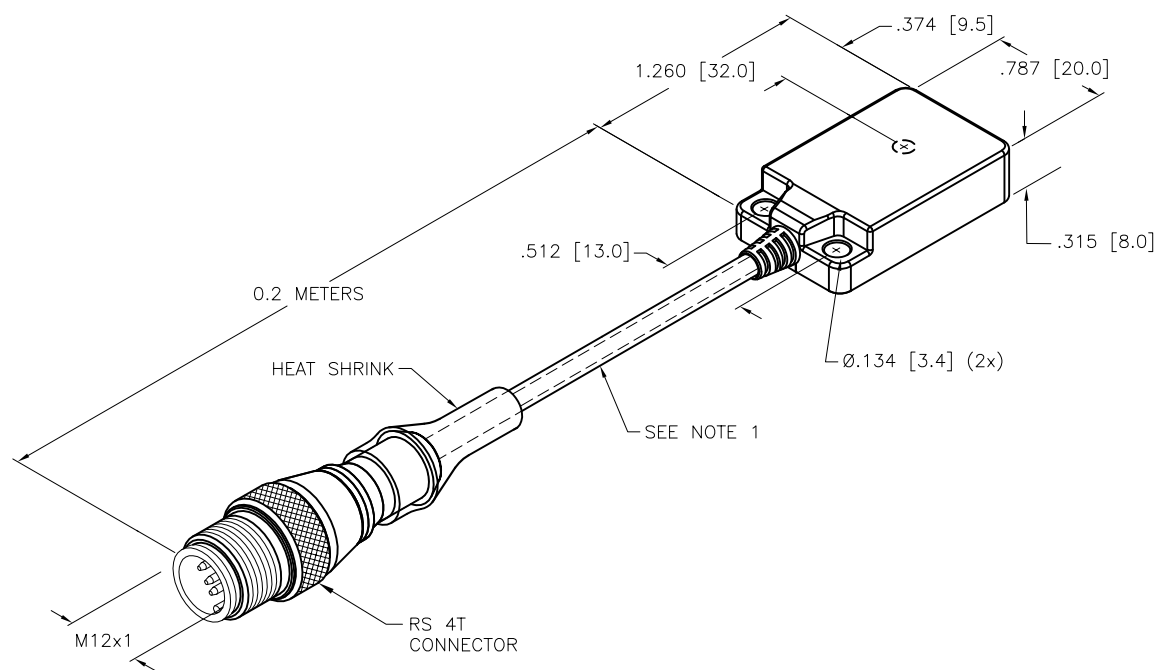


WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

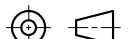
RATED OPERATING DISTANCE	7mm = .276"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	15%
MIN. REPEAT ACCURACY	≤ 5%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
RESIDUAL RIPPLE	≤20%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 10 mA
RESIDUAL 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	Ø3.5, TPU
SHOCK	30 g (11 ms)
VIBRATION	55 Hz (1mm)
DEGREE OF PROTECTION	IP68/IP69K
SWITCHING STATUS INDICATION	LED: YELLOW

1. "/S1154" DESIGNATES WELDGUARD COATED SENSOR TO BE USED AS BASE UNIT.
USE PTFE TUBING OVER SENSOR CABLE.

— PTFE TUBING STARTS AT SENSOR END, AND GETS CAPTURED IN THE
CONNECTOR MOLDING MATERIAL

— SLIDE 35MM OF SHRINK TUBING TO OVERLAP CONNECTOR MOLD BODY AND
PTFE TUBING

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	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			
							
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT	TV	DATE	10/29/15	DESCRIPTION BI7-Q08F-AP6X-0.2-RS4T/S1154	
		APVD	A.F.	SCALE	1=1.0		
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]	IDENTIFICATION NO. 16089164				REV B
			DO NOT SCALE THIS DRAWING				FILE: 16089164

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