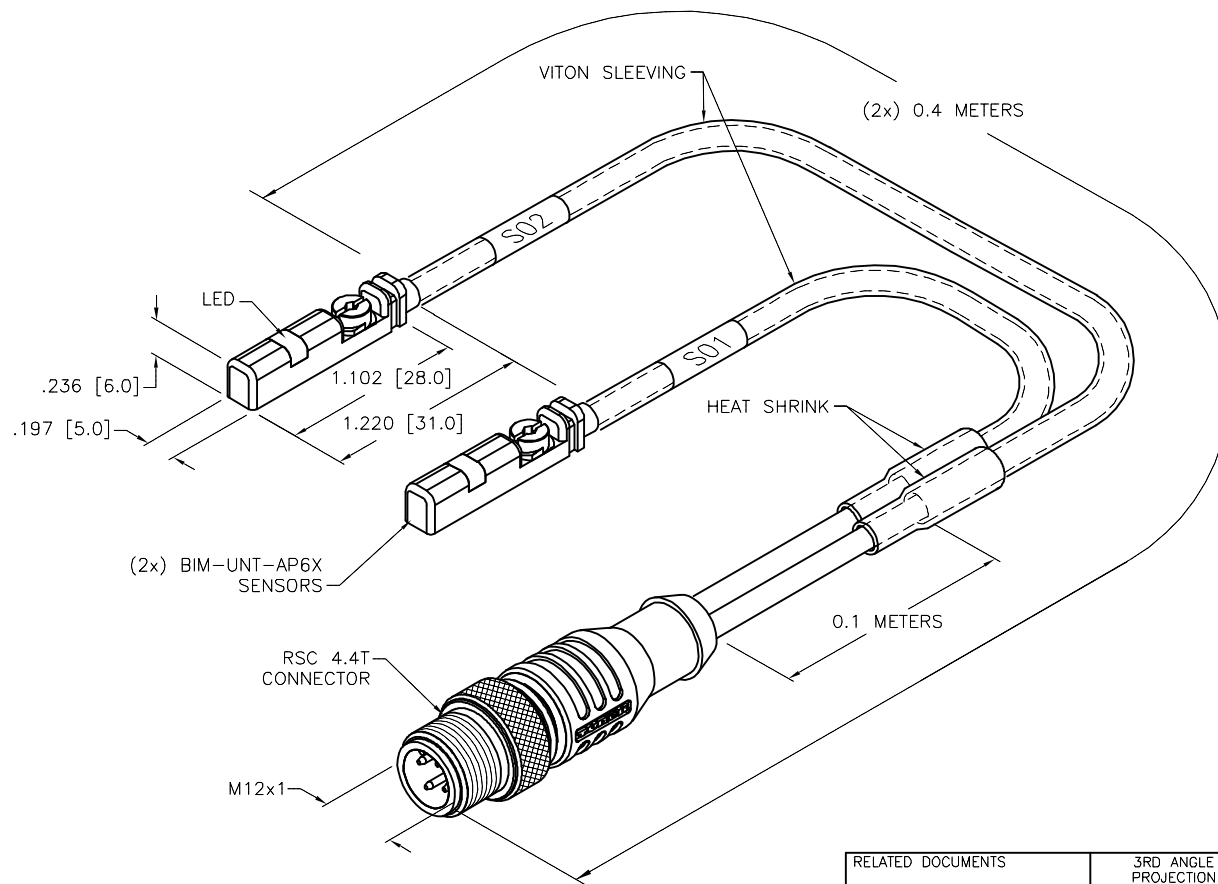
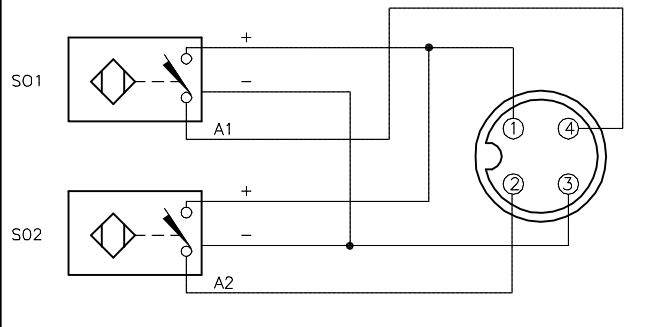


# WIRING DIAGRAM

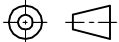


1. "/S1764" WELDGUARD COATED SENSOR WITH FIREFAST VITON SLEEVING. SLEEVE STARTS ON SENSOR END, AND COVERS ALL BUT 100MM OF CABLE HELD IN PLACE BY SHRINK TUBE.

# SPECIFICATIONS PER SENSOR

PASS SPEED	≤ 10 m/s
HYSTERESIS	≤ 1mm
TEMPERATURE DRIFT	≤ 0.1mm
MIN. ABSOLUTE REPEAT ACCURACY	≥ ±0.1mm
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤ 150 mA PER SENSOR
NO-LOAD CURRENT	≤ 30 mA
RESIDUAL CURRENT	≤ 0.1 mA PER SENSOR
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CABLE	ø3.0, TPU
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW
INCLUDED IN SCOPE OF SUPPLY	CABLE CLIP

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION		<div>THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div> <div>TURCK</div> <div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</div>			
1. 2. 3. 4.							
MATERIAL		DRFT	RDS	DATE	01/25/12	DESCRIPTION	
SEE SPECIFICATIONS		APVD	A.F.	SCALE	1=1.0	BIM-UNT-2AP6X-0.4-RSC4.4T/S1764	
FINISH		UNIT OF MEASUREMENT				IDENTIFICATION NO.	
SEE SPECIFICATIONS		INCH [ MILLIMETER ]				46857209	
		DO NOT SCALE THIS DRAWING				REV	
						D	
		FILE: 46857209				SHEET 1 OF 1	

D	UPDATE COUPLING NUT	RDS	04/19/18	56903
REV	DESCRIPTION	BY	DATE	ECO NO.