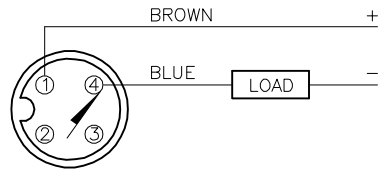
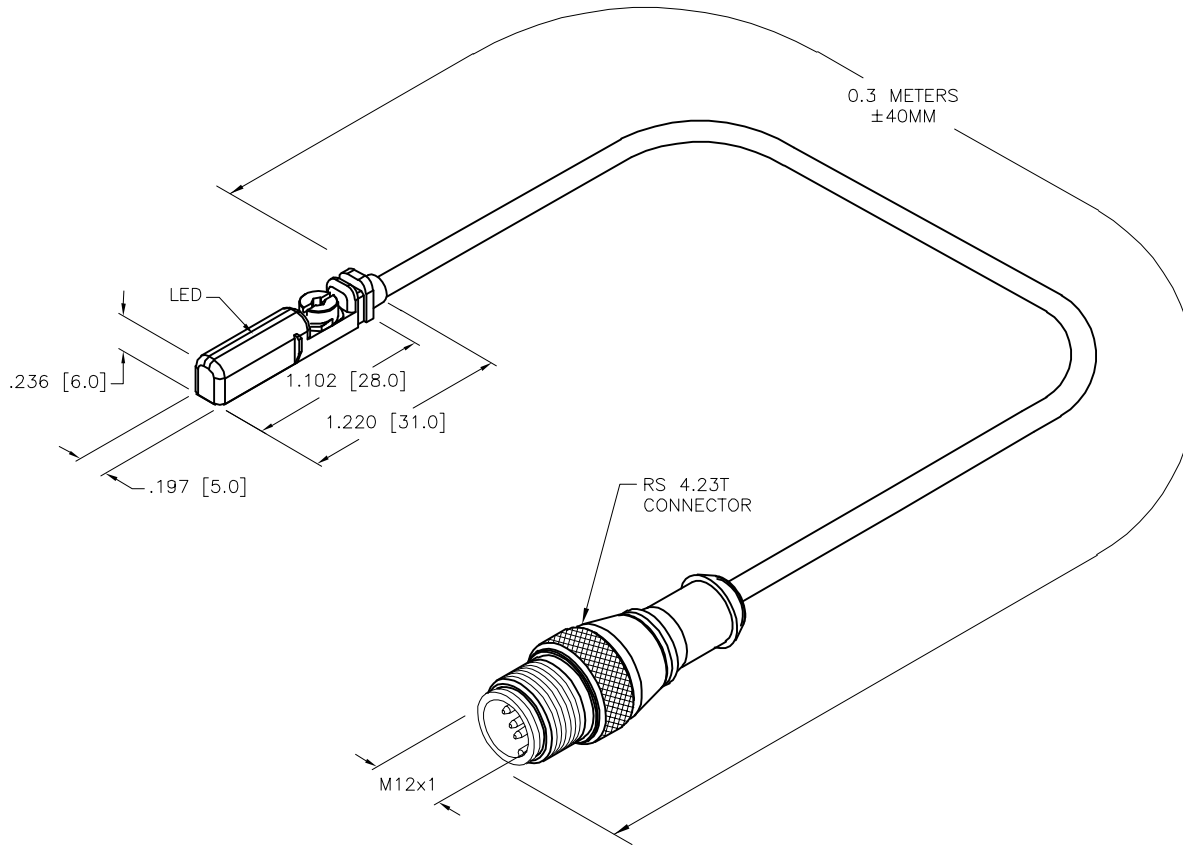


WIRING DIAGRAM



OUTPUT: AG41X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



SPECIFICATIONS

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	10-55 VDC
RESIDUAL RIPPLE	≤10%
DC RATED OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 0.8 mA
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES, CYCLIC
MAX. VOLTAGE DROP	≤ 3.5 V
WIRE BREAKAGE PROTECTION	NOT INCORPORATED
REVERSE POLARITY PROTECTION	POLARIZED
OUTPUT FUNCTION	2-WIRE, DC
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE MATERIAL	PLASTIC, PP
CABLE	ø3mm, Lif9Y-11YFHF, TPU
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK	30 g, 11 ms
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED, YELLOW
INCLUDED IN SCOPE OF SUPPLY	CABLE CLIP

NOTES:

1. "/S1139" DESIGNATES CYLINDER POSITION SENSOR WITH A WIDER TRAVEL, A.K.A. MORE RANGE.
2. "/S1160" DESIGNATES POTTED TPU CABLE FOR USE IN WELDING APPLICATIONS.

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>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us</div> <div>TURCK</div>					
1. 2. 3. 4.											
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT RDS		DATE 07/25/12		DESCRIPTION BIM-UNT-AG41X-0.3-RS4.23T/S1139/S1160			
FINISH		CONTACT TURCK FOR MORE INFORMATION		APVD A.F.		SCALE 1=1.0					
				UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO. 46857662		REV D	
				DO NOT SCALE THIS DRAWING				FILE: 46857662		SHEET 1 OF 1	

D	ADD TOLERANCE TO CABLE	AS	04/11/23	78465
REV	DESCRIPTION	BY	DATE	ECO. NO.