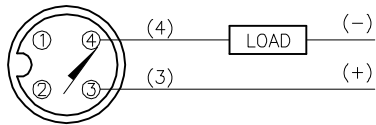
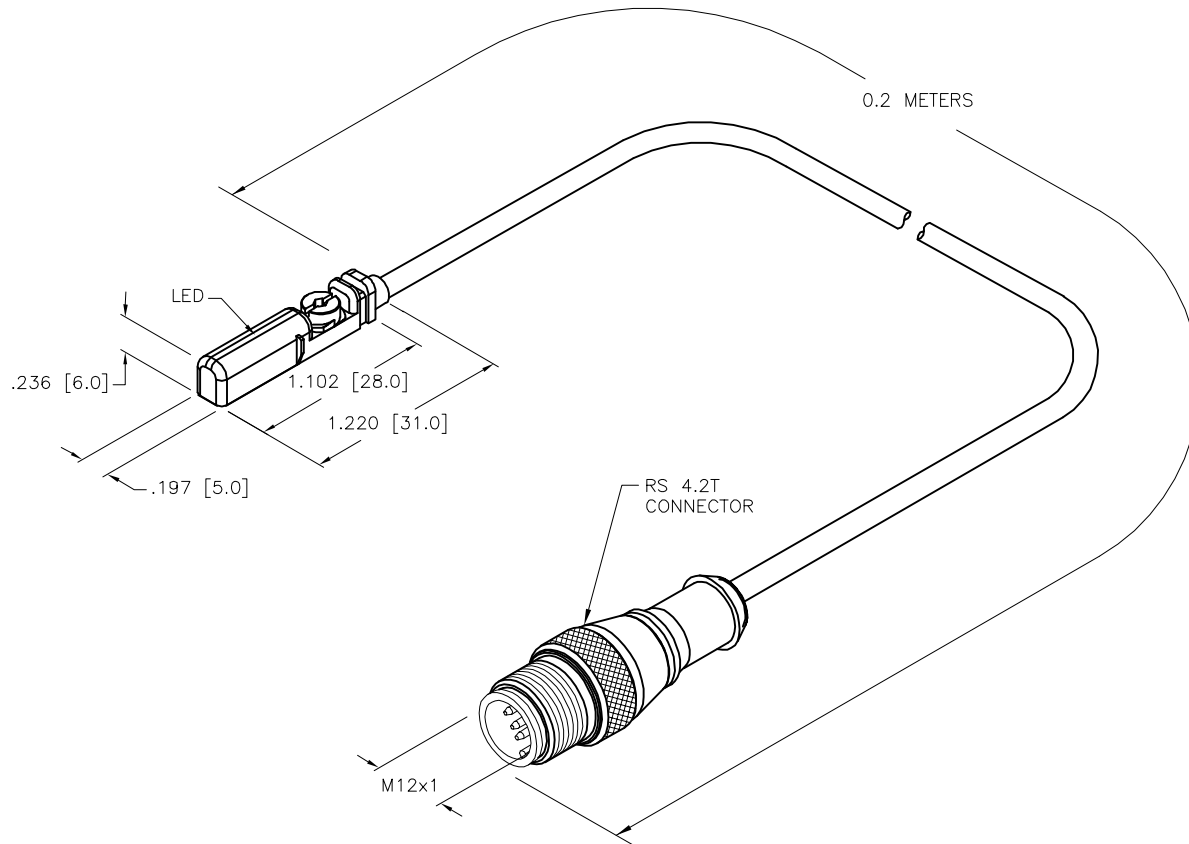


WIRING DIAGRAM



OUTPUT: AG41X

SHORT-CIRCUIT AND OVERLOAD PROTECTED



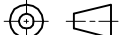
SPECIFICATIONS

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 1. 2. 3. 4.	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>		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	RDS	DATE	03/17/10	DESCRIPTION BIM-UNT-AG41X-0.2-RS4.2T/S1139/S1160	
		APVD		SCALE	1=1.0		
FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO. 4685888	
		DO NOT SCALE THIS DRAWING				REV D	
		FILE: 4685888				SHEET 1 OF 1	

D	UPDATE SPECS	RDS	02/09/21	76485
REV	DESCRIPTION	BY	DATE	ECO NO.