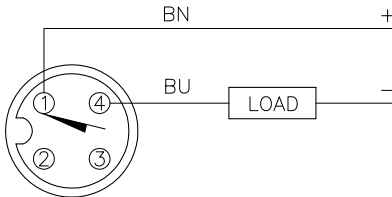
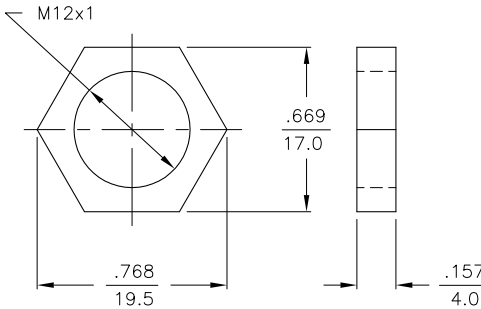
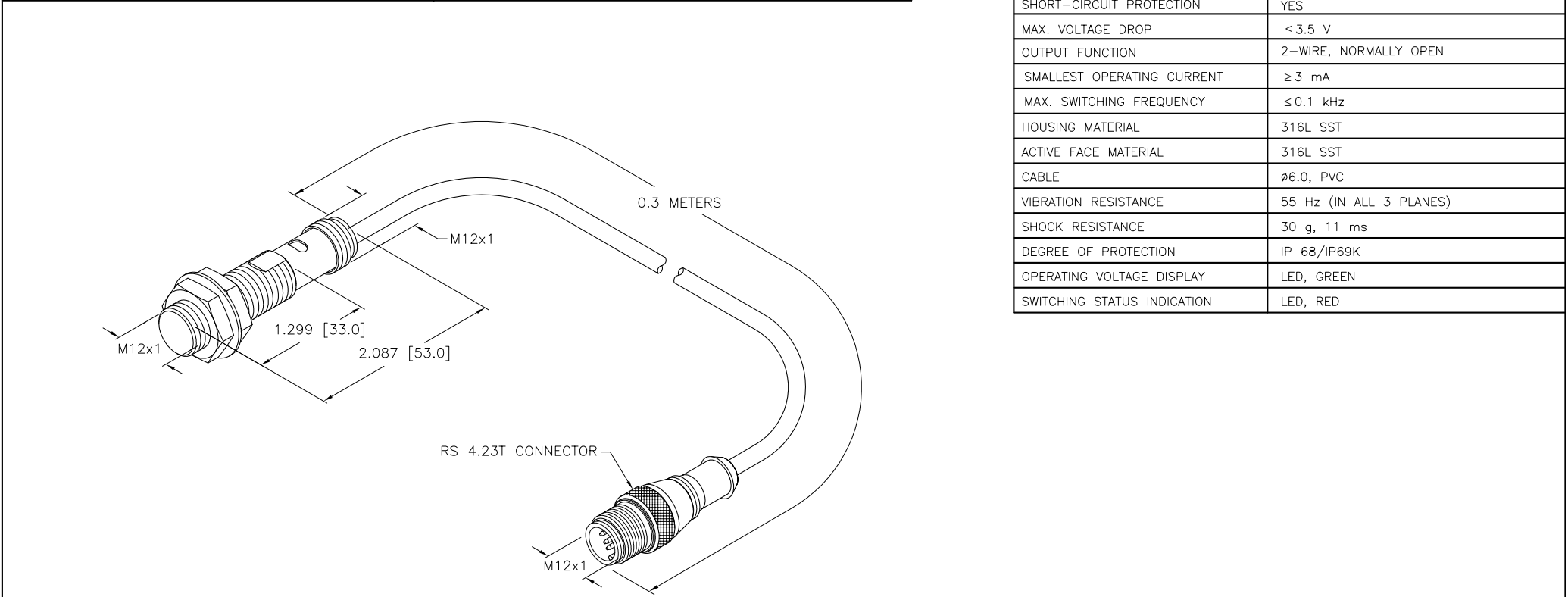


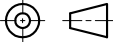
WIRING DIAGRAM		LOCKNUT SS-M12		SPECIFICATIONS																																																	
				<table><tr><td>RATED OPERATING DISTANCE</td><td>2 mm = .079"</td></tr><tr><td>MOUNTING MODE</td><td>FLUSH</td></tr><tr><td>TEMPERATURE DRIFT</td><td>≤±10%</td></tr><tr><td>HYSTERESIS</td><td>1-15%</td></tr><tr><td>MIN. REPEAT ACCURACY</td><td>≤ 2%</td></tr><tr><td>OPERATING TEMPERATURE</td><td>-25°C to +70°C (-13°F to +158°F)</td></tr><tr><td>RATED OPERATIONAL VOLTAGE</td><td>10-30 VDC</td></tr><tr><td>RESIDUAL RIPPLE</td><td>≤ 10%</td></tr><tr><td>DC RATED OPERATIONAL CURRENT</td><td>≤ 100 mA</td></tr><tr><td>RESIDUAL CURRENT</td><td>≤ 0.8 mA</td></tr><tr><td>RATED INSULATION VOLTAGE</td><td>≤ 0.5 kV</td></tr><tr><td>SHORT-CIRCUIT PROTECTION</td><td>YES</td></tr><tr><td>MAX. VOLTAGE DROP</td><td>≤ 3.5 V</td></tr><tr><td>OUTPUT FUNCTION</td><td>2-WIRE, NORMALLY OPEN</td></tr><tr><td>SMALLEST OPERATING CURRENT</td><td>≥ 3 mA</td></tr><tr><td>MAX. SWITCHING FREQUENCY</td><td>≤ 0.1 kHz</td></tr><tr><td>HOUSING MATERIAL</td><td>316L SST</td></tr><tr><td>ACTIVE FACE MATERIAL</td><td>316L SST</td></tr><tr><td>CABLE</td><td>ø6.0, PVC</td></tr><tr><td>VIBRATION RESISTANCE</td><td>55 Hz (IN ALL 3 PLANES)</td></tr><tr><td>SHOCK RESISTANCE</td><td>30 g, 11 ms</td></tr><tr><td>DEGREE OF PROTECTION</td><td>IP 68/IP69K</td></tr><tr><td>OPERATING VOLTAGE DISPLAY</td><td>LED, GREEN</td></tr><tr><td>SWITCHING STATUS INDICATION</td><td>LED, RED</td></tr></table>		RATED OPERATING DISTANCE	2 mm = .079"	MOUNTING MODE	FLUSH	TEMPERATURE DRIFT	≤±10%	HYSTERESIS	1-15%	MIN. REPEAT ACCURACY	≤ 2%	OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)	RATED OPERATIONAL VOLTAGE	10-30 VDC	RESIDUAL RIPPLE	≤ 10%	DC RATED OPERATIONAL CURRENT	≤ 100 mA	RESIDUAL CURRENT	≤ 0.8 mA	RATED INSULATION VOLTAGE	≤ 0.5 kV	SHORT-CIRCUIT PROTECTION	YES	MAX. VOLTAGE DROP	≤ 3.5 V	OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN	SMALLEST OPERATING CURRENT	≥ 3 mA	MAX. SWITCHING FREQUENCY	≤ 0.1 kHz	HOUSING MATERIAL	316L SST	ACTIVE FACE MATERIAL	316L SST	CABLE	ø6.0, PVC	VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)	SHOCK RESISTANCE	30 g, 11 ms	DEGREE OF PROTECTION	IP 68/IP69K	OPERATING VOLTAGE DISPLAY	LED, GREEN	SWITCHING STATUS INDICATION	LED, RED
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SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. SENSOR TO BE REMOVED FROM CARDBOARD BOX AND BE PLACED IN POLY BAG.

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MATERIAL				FINISH		UNIT OF MEASUREMENT INCH [MILLIMETER]		DATE 01/12/10 DESCRIPTION BI 2-EG12F-AG6X-0.3M-RS 4.23T	
CONTACT TURCK FOR MORE INFORMATION				IDENTIFICATION NO. M4614693		REV C		DO NOT SCALE THIS DRAWING	
C ADD PACKAGING NOTE, SEE ECO				RDS 01/24/11 34078		FILE: M4614693		SHEET 1 OF 1	
REV DESCRIPTION				BY DATE ECO NO.					