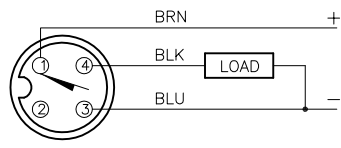
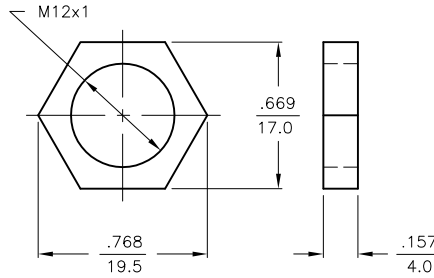
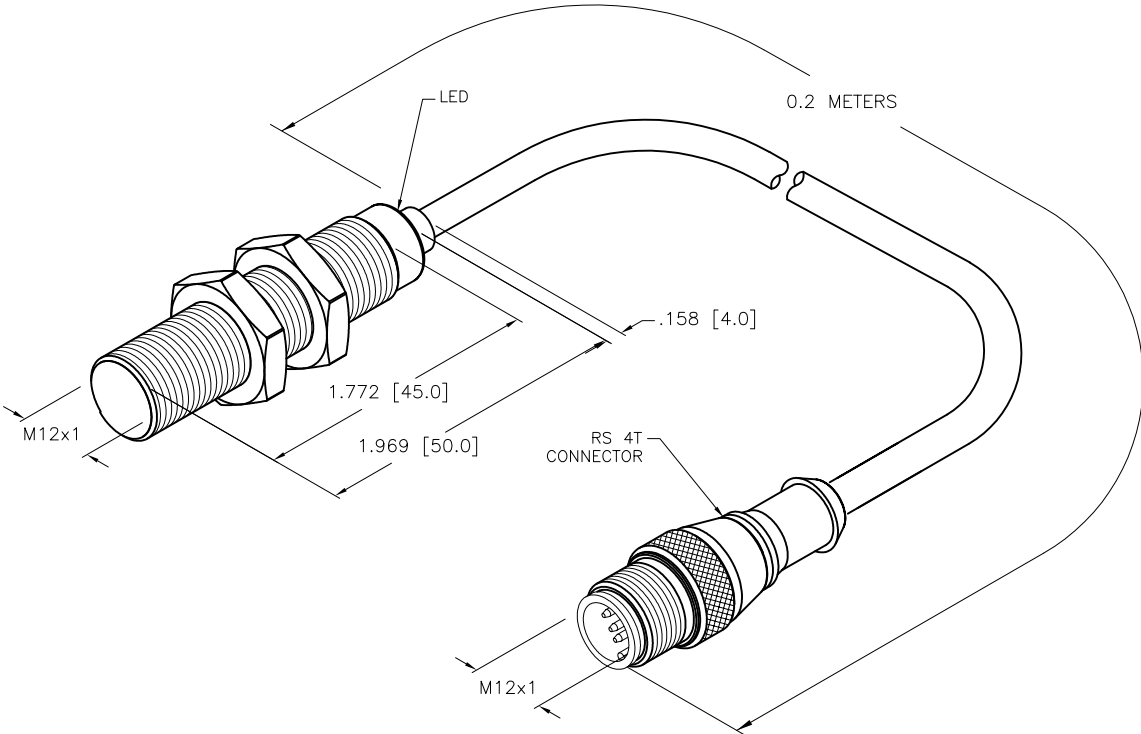
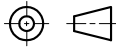


WIRING DIAGRAM				LOCKNUT LN-M12				SPECIFICATIONS																																																							
<div></div> <p>OUTPUT: AP6X</p> <p>SHORT-CIRCUIT AND OVERLOAD PROTECTED</p>				<div></div>				<table><tr><td>RATED OPERATING DISTANCE</td><td>3mm [.118]</td></tr><tr><td>MOUNTING MODE</td><td>FLUSH</td></tr><tr><td>TEMPERATURE DRIFT</td><td>≤±10% ≤±15%, ≤ -25°C v ≥ +70°C</td></tr><tr><td>HYSTERESIS</td><td>3-15%</td></tr><tr><td>MIN. REPEAT ACCURACY</td><td>≤2%</td></tr><tr><td>OPERATING TEMPERATURE</td><td>-30°C to +85°C (-22°F to +185°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>≤200 mA</td></tr><tr><td>NO-LOAD CURRENT</td><td>≤15 mA</td></tr><tr><td>RESIDUAL CURRENT</td><td>≤0.1 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>≤1.8 V</td></tr><tr><td>WIRE BREAKAGE PROTECTION</td><td>INCORPORATED</td></tr><tr><td>REVERSE POLARITY PROTECTION</td><td>INCORPORATED</td></tr><tr><td>OUTPUT FUNCTION</td><td>3-WIRE, NORMALLY OPEN, PNP</td></tr><tr><td>MAX. SWITCHING FREQUENCY</td><td>≤2 kHz</td></tr><tr><td>HOUSING MATERIAL</td><td>BRASS, CHROME PLATED</td></tr><tr><td>ACTIVE FACE</td><td>PLASTIC, LCP-GF30</td></tr><tr><td>END CAP</td><td>PLASTIC, EPTR</td></tr><tr><td>CABLE</td><td>ø5.2, LiYY, 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</td></tr><tr><td>SWITCHING STATUS INDICATION</td><td>LED, YELLOW</td></tr></table>				RATED OPERATING DISTANCE	3mm [.118]	MOUNTING MODE	FLUSH	TEMPERATURE DRIFT	≤±10% ≤±15%, ≤ -25°C v ≥ +70°C	HYSTERESIS	3-15%	MIN. REPEAT ACCURACY	≤2%	OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)	RATED OPERATIONAL VOLTAGE	10-30 VDC	RESIDUAL RIPPLE	≤10%	DC RATED OPERATIONAL CURRENT	≤200 mA	NO-LOAD CURRENT	≤15 mA	RESIDUAL CURRENT	≤0.1 mA	RATED INSULATION VOLTAGE	≤0.5 kV	SHORT-CIRCUIT PROTECTION	YES	MAX. VOLTAGE DROP	≤1.8 V	WIRE BREAKAGE PROTECTION	INCORPORATED	REVERSE POLARITY PROTECTION	INCORPORATED	OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP	MAX. SWITCHING FREQUENCY	≤2 kHz	HOUSING MATERIAL	BRASS, CHROME PLATED	ACTIVE FACE	PLASTIC, LCP-GF30	END CAP	PLASTIC, EPTR	CABLE	ø5.2, LiYY, PVC	VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)	SHOCK RESISTANCE	30 g, 11 ms	DEGREE OF PROTECTION	IP 68	SWITCHING STATUS INDICATION	LED, YELLOW
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<div>MATERIAL</div> <div>SEE SPECS</div>				<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div> <div>CONTACT TURCK FOR MORE INFORMATION</div>		<div>DRFT</div> <div>RDS</div>		<div>DATE</div> <div>01/12/11</div>		<div>DESCRIPTION</div> <div>BI3U-M12-AP6X-0.2M-RS4T</div>																																																					
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