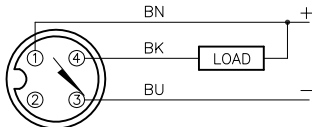
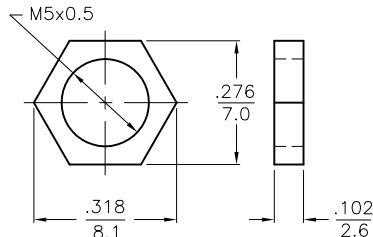
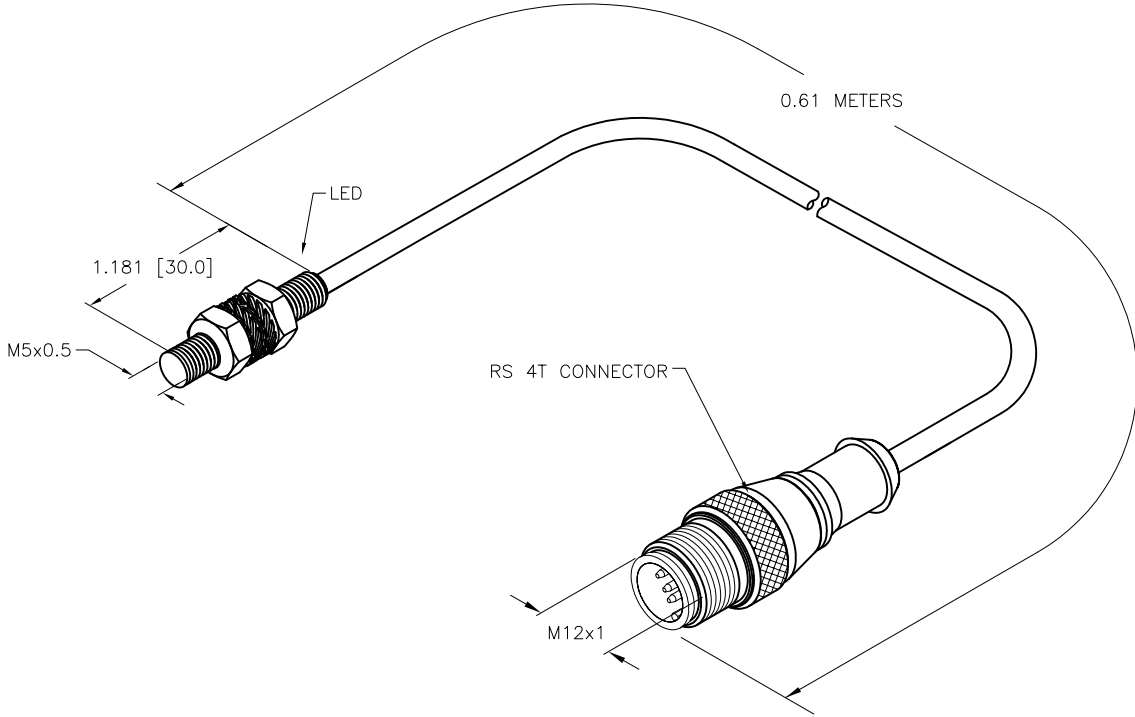
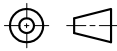


WIRING DIAGRAM		LOCKNUT LN-SS5		SPECIFICATIONS																																																			
 OUTPUT: AN6X SHORT-CIRCUIT AND OVERLOAD PROTECTED				<table><tr><td>RATED OPERATING DISTANCE</td><td>1.0 mm = .039" (NOMINAL)</td></tr><tr><td>MOUNTING MODE</td><td>FLUSH</td></tr><tr><td>MIN. REPEAT ACCURACY</td><td>≤ 2%</td></tr><tr><td>TEMPERATURE DRIFT</td><td>≤ ± 10%</td></tr><tr><td>HYSTERESIS</td><td>3-15%</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>RIPPLE</td><td>≤ 10%</td></tr><tr><td>RATED OPERATIONAL CURRENT (DC)</td><td>≤ 100 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 PROTECTED</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, NPN</td></tr><tr><td>MAX. SWITCHING FREQUENCY</td><td>≤ 3.0 kHz</td></tr><tr><td>HOUSING MATERIAL</td><td>METAL, A4 1.4404 (AISI 316L)</td></tr><tr><td>ACTIVE FACE MATERIAL</td><td>PLASTIC, PA12-GF20</td></tr><tr><td>CABLE</td><td>ø3.0, TPU</td></tr><tr><td>SHOCK RESISTANCE</td><td>30 g, 11 ms</td></tr><tr><td>VIBRATION RESISTANCE</td><td>55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)</td></tr><tr><td>DEGREE OF PROTECTION</td><td>IP67</td></tr><tr><td>SWITCHING STATUS INDICATION</td><td>LED: YELLOW</td></tr></table>		RATED OPERATING DISTANCE	1.0 mm = .039" (NOMINAL)	MOUNTING MODE	FLUSH	MIN. REPEAT ACCURACY	≤ 2%	TEMPERATURE DRIFT	≤ ± 10%	HYSTERESIS	3-15%	OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)	RATED OPERATIONAL VOLTAGE	10-30 VDC	RIPPLE	≤ 10%	RATED OPERATIONAL CURRENT (DC)	≤ 100 mA	NO-LOAD CURRENT	≤ 15 mA	RESIDUAL CURRENT	≤ 0.1 mA	RATED INSULATION VOLTAGE	≤ 0.5 kV	SHORT-CIRCUIT PROTECTED	YES	MAX VOLTAGE DROP	≤ 1.8 V	WIRE BREAKAGE PROTECTION	INCORPORATED	REVERSE POLARITY PROTECTION	INCORPORATED	OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN	MAX. SWITCHING FREQUENCY	≤ 3.0 kHz	HOUSING MATERIAL	METAL, A4 1.4404 (AISI 316L)	ACTIVE FACE MATERIAL	PLASTIC, PA12-GF20	CABLE	ø3.0, TPU	SHOCK RESISTANCE	30 g, 11 ms	VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)	DEGREE OF PROTECTION	IP67	SWITCHING STATUS INDICATION	LED: YELLOW
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RELATED DOCUMENTS 1. 2. 3. 4.		3RD ANGLE PROJECTION 		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.  3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us																																																			
MATERIAL SEE NOTES		DRFT *CK DATE 10/04/10 APVD SCALE 1=1.0		DESCRIPTION BI1-EG05-AN6X-0.61-RS4T																																																			
FINISH SEE NOTES		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. 4609889 REV C																																																			
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