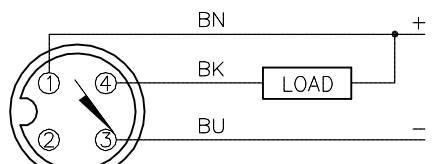
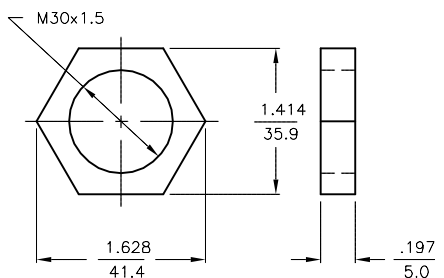
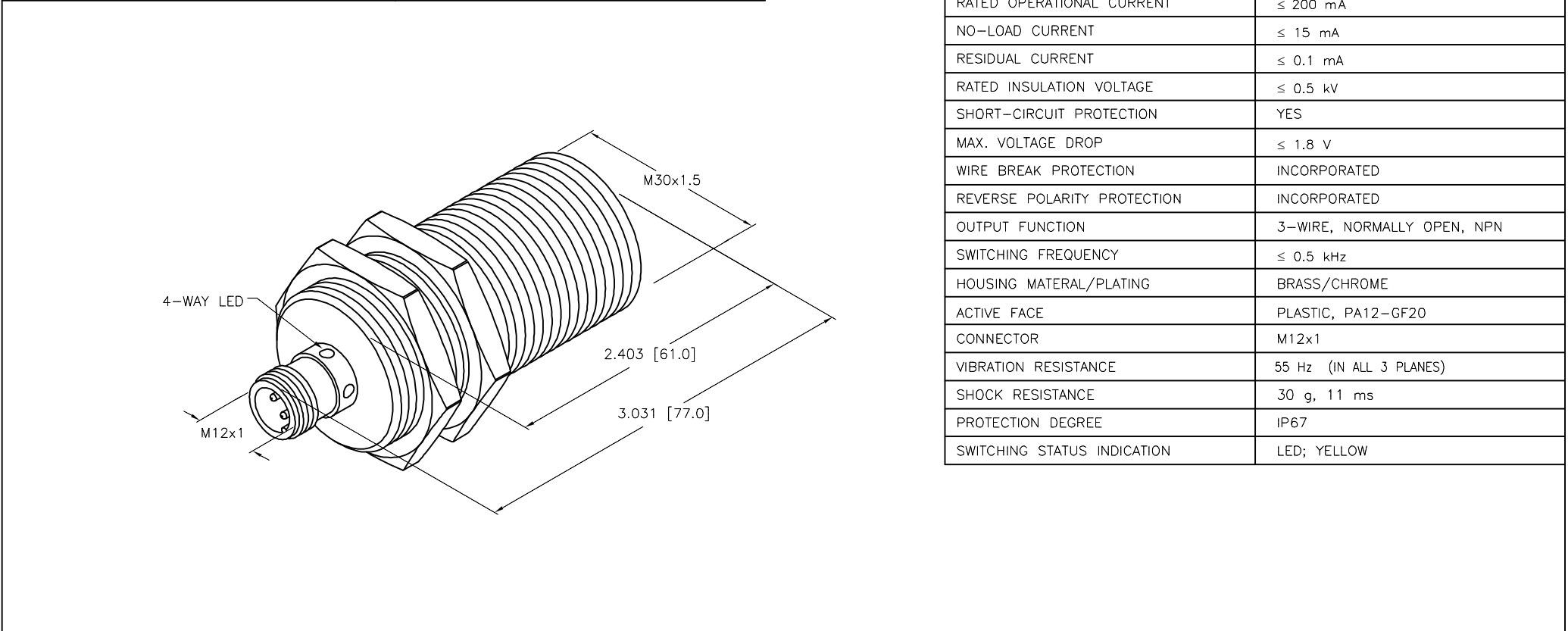
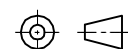


WIRING DIAGRAM		LOCKNUT LN-M30		SPECIFICATIONS																																																			
 OUTPUT: AN6X SHORT-CIRCUIT AND OVERLOAD PROTECTED				<table><tr><td>RATED OPERATING DISTANCE</td><td>15mm = .591"</td></tr><tr><td>MOUNTING MODE</td><td>FLUSH</td></tr><tr><td>REPEATABILITY</td><td>≤ 2%</td></tr><tr><td>TEMPERATURE DRIFT</td><td>≤ ± 10%</td></tr><tr><td>HYSTERESIS</td><td>3-15%</td></tr><tr><td>AMBIENT TEMPERATURE</td><td>-25°C to +70°C (-13°F to +158°F)</td></tr><tr><td>OPERATING VOLTAGE</td><td>10-30 VDC</td></tr><tr><td>RESIDUAL RIPPLE</td><td>≤ 10%</td></tr><tr><td>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 BREAK 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>SWITCHING FREQUENCY</td><td>≤ 0.5 kHz</td></tr><tr><td>HOUSING MATERIAL/PLATING</td><td>BRASS/CHROME</td></tr><tr><td>ACTIVE FACE</td><td>PLASTIC, PA12-GF20</td></tr><tr><td>CONNECTOR</td><td>M12x1</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>PROTECTION DEGREE</td><td>IP67</td></tr><tr><td>SWITCHING STATUS INDICATION</td><td>LED; YELLOW</td></tr></table>		RATED OPERATING DISTANCE	15mm = .591"	MOUNTING MODE	FLUSH	REPEATABILITY	≤ 2%	TEMPERATURE DRIFT	≤ ± 10%	HYSTERESIS	3-15%	AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)	OPERATING VOLTAGE	10-30 VDC	RESIDUAL RIPPLE	≤ 10%	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 BREAK PROTECTION	INCORPORATED	REVERSE POLARITY PROTECTION	INCORPORATED	OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN	SWITCHING FREQUENCY	≤ 0.5 kHz	HOUSING MATERIAL/PLATING	BRASS/CHROME	ACTIVE FACE	PLASTIC, PA12-GF20	CONNECTOR	M12x1	VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)	SHOCK RESISTANCE	30 g, 11 ms	PROTECTION DEGREE	IP67	SWITCHING STATUS INDICATION	LED; YELLOW
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					MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		IK		DATE		02/15/00		DESCRIPTION BI15-M30E-AN6X-H1141	
					APVD						SCALE		1=1.0					
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B	UPDATE FORMAT	NF	08/17/15	51192
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