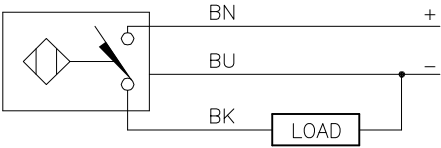
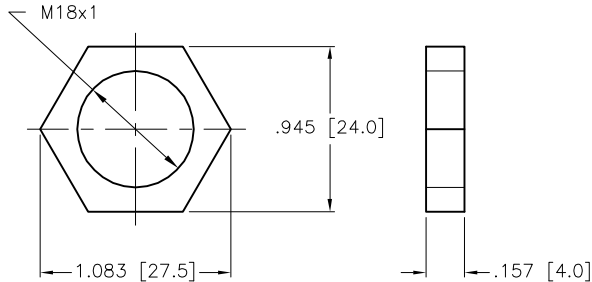
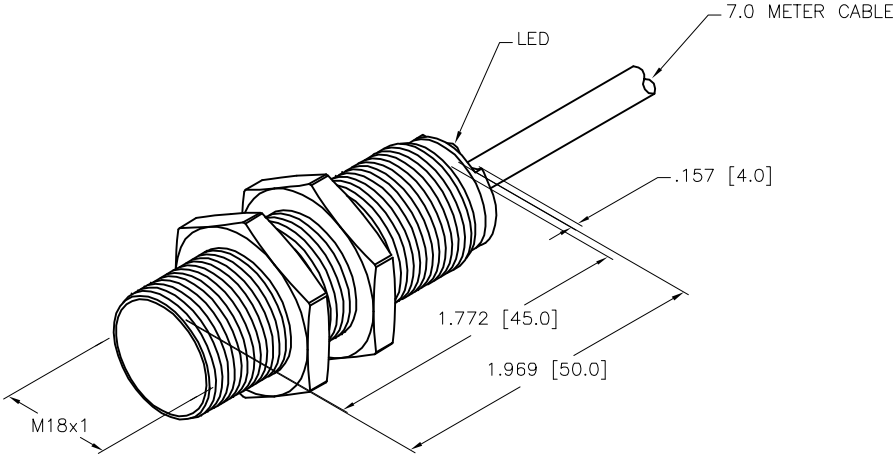
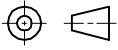


WIRING DIAGRAM	LOCKNUT LN-M18	SPECIFICATIONS	
 OUTPUT: AP6X SHORT-CIRCUIT AND OVERLOAD PROTECTED		RATED OPERATING DISTANCE	8mm [.315]
		MOUNTING MODE	FLUSH
		MIN. REPEAT ACCURACY	≤ 2%
		TEMPERATURE DRIFT	≤ ±10%
		HYSTERESIS	3–15%
		OPERATING TEMPERATURE	–40°C to +70°C (–40°F to +158°F)
		OPERATING VOLTAGE	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 PROTECTED	YES
	MAX VOLTAGE DROP	≤ 1.8 V
	WIRE-BREAKAGE PROTECTION	YES
	REVERSE POLARITY PROTECTION	YES
	OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
	SWITCHING FREQUENCY	≤ 0.5 kHz
	HOUSING MATERIAL	BRASS/CHROME-PLATED
	ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
	END CAP MATERIAL	PLASTIC, EPTR
	CABLE	ø5.13, PVC, ITC
	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

NOTES: 1. "/S97" DESIGNATES SENSOR WITH LOW OPERATING TEMP. TO –40°C [–40°F]. 2. "/S1751" DESIGNATES SENSOR WITH FM APPROVAL FOR CLASS 1 DIV 2 USE. APPROVAL MUST BE LASER ENGRAVED OR PAD PRINTED ON SENSOR.					SOURCE DRAWING – FOR REFERENCE ONLY				
					RELATED DOCUMENTS 1. 2. 3. 4. MATERIAL FINISH 3RD ANGLE PROJECTION  ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. DRFT APVD RDS A.F. DATE SCALE 12/09/20 1=1.0 UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us TURCK DESCRIPTION B18-M18-AP6X/S97/S1751 7M IDENTIFICATION NO. 46150302 REV A				
A	DRAWING RELEASE	RDS	12/10/20						
REV	DESCRIPTION	BY	DATE	ECO. NO.					