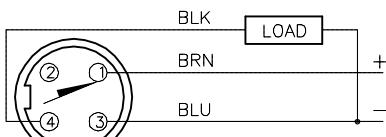


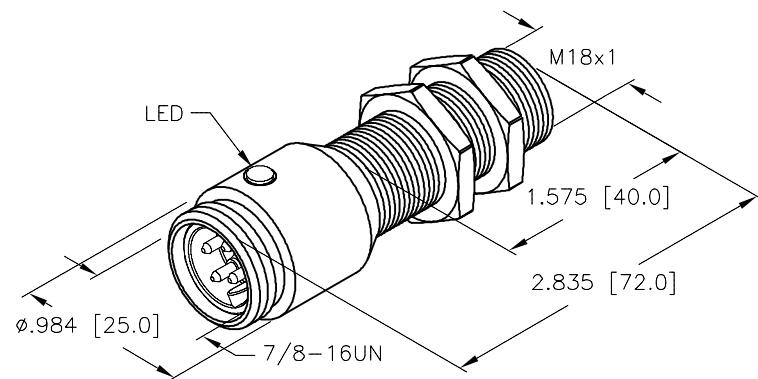
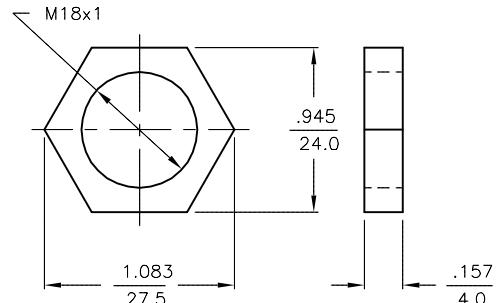
## WIRING DIAGRAM



OUTPUT: AP6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

## LOCKNUT LN-M18



## SPECIFICATIONS

OPERATING VOLTAGE	10–30 V DC
RIPPLE	≤ 10%
HYSTERESIS (DIFFERENTIAL TRAVEL)	3–15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBILE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 220 mA
CONTINUOUS LOAD CURRENT	≤ 200 mA
LEAKAGE (OFF-STATE) CURRENT	< 10 µA
NO-LOAD CURRENT	5.5–9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
POLARITY INVERSION PROTECTION	INCORPORATED
WIRE BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	EN 60947-5-2
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	RED: OUTPUT ENERGIZED
SENSING RANGE	5 mm = .197" (NOMINAL)
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
REPEATABILITY	≤ 2%
MATING PLUGS & CABLES	4-PIN "MINIFAST" CONSTRUCTION

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS		3RD ANGLE PROJECTION	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.	TURCK INC High Technology Sensors and Automation Controls		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com
1.				DRFT	SMW	DATE 10/22/86
2.				APVD		SCALE NONE
3.						UNIT OF MEASUREMENT
4.						INCH [ MILLIMETER ]
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DESCRIPTION		BI 5-G18-AP6X-B1341 40MM
BRASS BARREL				IDENTIFICATION NO.		
FINISH		CONTACT TURCK FOR MORE INFORMATION		T4696300		REV C
COPPER/NICKEL/ CHROME PLATING				FILE: T4696300		SHEET 1 OF 1
DO NOT SCALE THIS DRAWING						

C DRAWING PROCESSED AS PART OF ECO 40518 KMY 12/04/12 40518

REV DESCRIPTION BY DATE ECO NO.