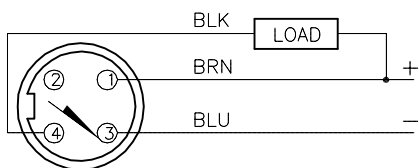


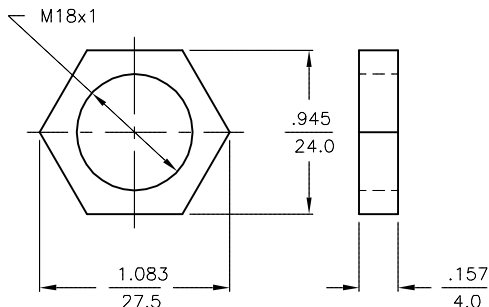
WIRING DIAGRAMS



OUTPUT: AN6X

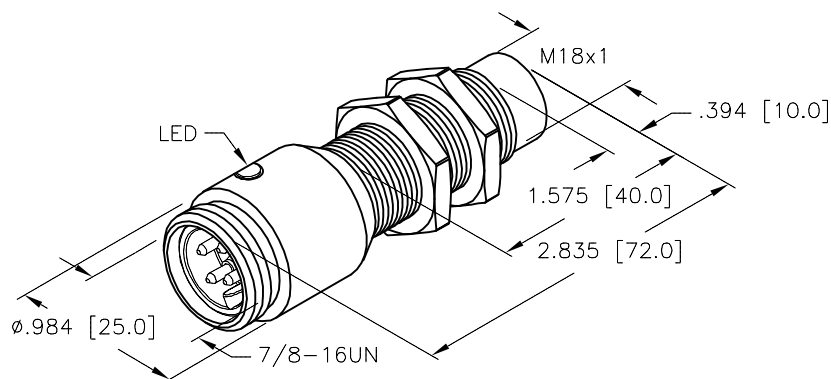
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M18



SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
HYSTERESIS (DIFFERENTIAL TRAVEL)	3-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 1.8 V at 200 mA
OUTPUT FUNCTION -RZ	NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	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
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE BREAK PROTECTION	INCORPORATED
PROTECTION AGAINST TRANSIENTS	2 kV, 1 ms, 1 kΩ
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
RATED OPERATING DISTANCE	10 mm = .394" (NOMINAL)
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
REPEATABILITY	≤ 2% RATED OPERATING DISTANCE
SHIELDED	NO



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	MATERIAL BRASS BARREL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT GMB DATE 5/24/88	DESCRIPTION NI10-G18-AN6X-B1341	
FINISH COPPER,NICKEL, CHROME PLATING	APVD SCALE NONE		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T4695300
B DRAWING PROCESSED AS PART OF ECO 40518 KMY 11/29/12 40518	BY DATE ECO NO.	CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING	
REV DESCRIPTION		FILE: T4695300		SHEET 1 OF 1	

B	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/29/12	40518
REV	DESCRIPTION	BY	DATE	ECO NO.