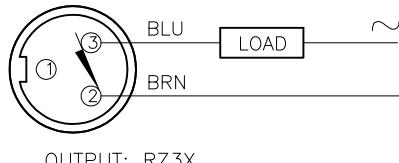
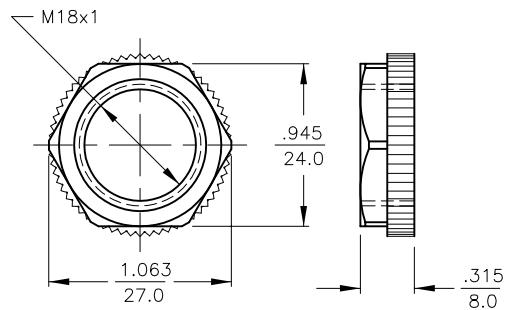


WIRING DIAGRAM



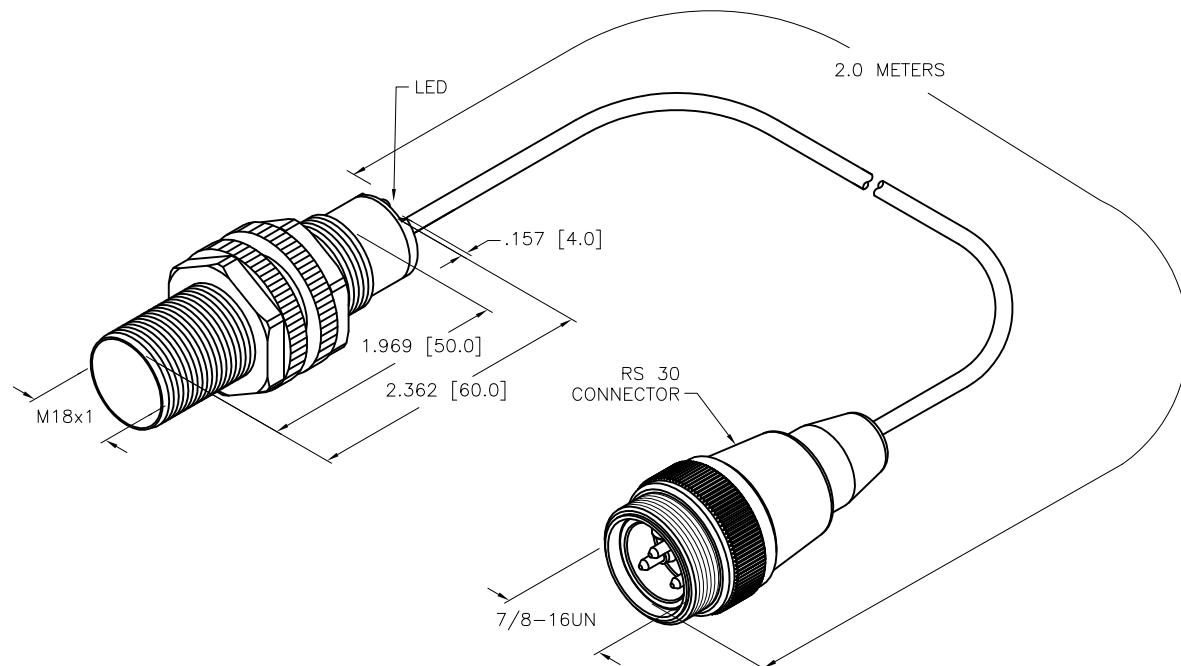
WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-P18



SPECIFICATIONS

RATED OPERATING DISTANCE	8 mm = .315"
MOUNTING MODE	NON-FLUSH
HYSTERESIS	3-15%
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	-25°C to +100°C (-13°F to +212°F)
RATED OPERATING VOLTAGE (AC/DC)	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 8.0 A (≤ 10 ms MAX. 5 Hz)
MAX. VOLTAGE DROP	≤ 6.0 V
OUTPUT FUNCTION	2-WIRE, NORMALLY CLOSED
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	PLASTIC, PA12-GF30
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, EPTR
CABLE	Ø5.2, PVC
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 x g (11 ms)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, RED



SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S100" DESIGNATES MAX. OPERATING TEMP. OF +100°C (+212°F).

RELATED DOCUMENTS	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
1. 2. 3. 4.			TURCK
MATERIAL SEE SPECIFICATIONS	DRFT APVD	RDS A.F.	DATE 11/14/11 SCALE 1=1.3
FINISH	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT INCH [MILLIMETER]	DESCRIPTION N18-S18-RZ3X-2-RS30/S100
	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING	IDENTIFICATION NO. 43507000
			REV B
B	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM 12/20/17	FILE: 43507000
REV	DESCRIPTION	BY DATE ECO NO.	SHEET 1 OF 1