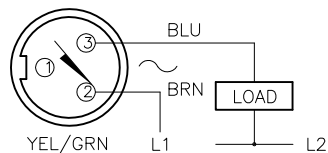


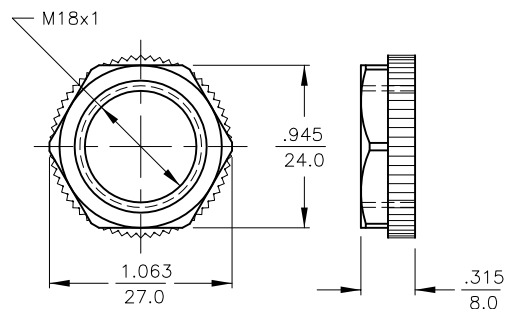
WIRING DIAGRAM



OUTPUT: AZ3X2

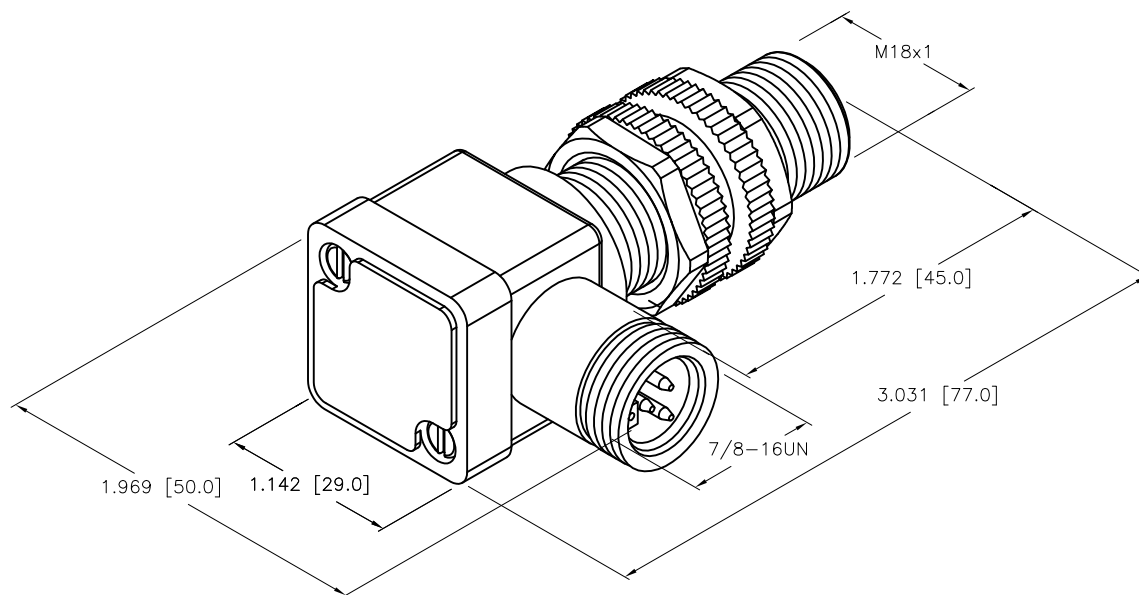
WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-P18

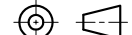


SPECIFICATIONS

RATED OPERATING DISTANCE	5mm [.197]
MOUNTING MODE	FLUSH
HYSTERSIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	20-250 VDC/DC
CONTINUOUS LOAD CURRENT	≤ 500 mA
LINE FREQUENCY	40-60 Hz
RESIDUAL CURRENT	≤ 1.7 mA
PROTECTION AGAINST TRANSIENTS	5 kV, 10 ms, 10 kΩ
MIN. OPERATING CURRENT	≥ 5.0 mA
IN-RUSH CURRENT	≤ 8 A (≤ 10 ms/5 Hz)
MAX. VOLTAGE DROP	≤ 7.0 V
OUTPUT FUNCTION	NORMALLY OPEN, 2-WIRE, AC, SELF-CONTAINED
SHORT-CIRCUIT PROTECTION	NO
TIME DELAY BEFORE AVAILABILITY	≤ 20 ms
POWER-ON EFFECT PROTECTION	INCORPORATED
SWITCHING FREQUENCY	≤ 0.02 kHz
HOUSING MATERIAL	PLASTIC, PA12-GF30
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; RED



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	MATERIAL			DRFT RDS DATE 01/18/12 DESCRIPTION BI5-P18SK-AZ3X2-B1131
	FINISH			APVD J.M. SCALE 1=1.0 IDENTIFICATION NO. 4351495 REV B
	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		
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		FILE: 4351495	SHEET 1 OF 1	