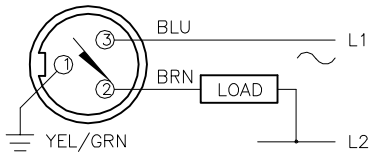
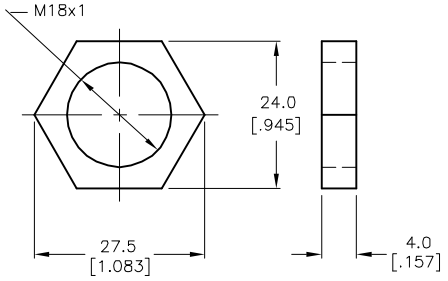
WIRING DIAGRAM

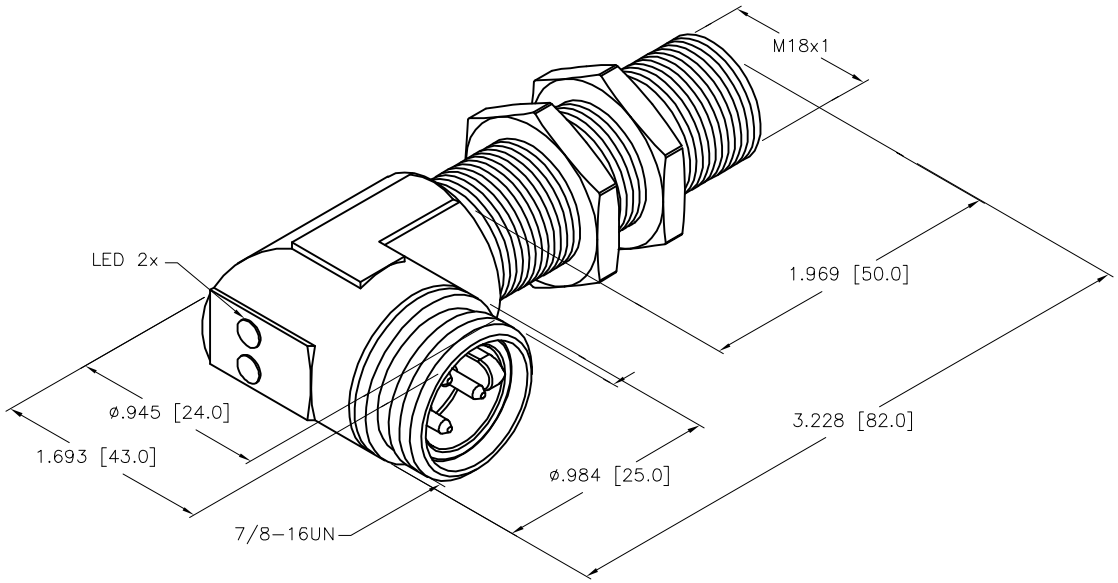


OUTPUT: ADZ30X2

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-MT18





SPECIFICATIONS

RATED OPERATING DISTANCE	5mm [.197"]
MOUNTING MODE	FLUSH
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	20-250 VAC/10-300 VDC
RATED OPERATIONAL CURRENT (AC/DC)	≤ 400 mA/≤ 300 mA
MAINS FREQUENCY	50-60 Hz
MAX. OFF-STATE CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 1.5 kV
SURGE CURRENT	≤ 3.0 A (≤ 20 ms MAX. 5 Hz)
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 6.0 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN, AC/DC
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 0.03 kHz
HOUSING MATERIAL	BRASS, CHROME-PLATED (PTFE-COATED)
ACTIVE FACE	PLASTIC, PA12-GF20
CONNECTION	7/8-16UN
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	2x LED: GREEN/RED

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S34" DESIGNATES WELD FIELD IMMUNITY. SENSOR IS SUITABLE FOR USE ON RESISTANCE WELDING MACHINES.

2. "/S1589" DESIGNATES WELDGUARD THERMOSET PLASTIC LAMINATE FRONT FACE.

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	12/14/20	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

MATERIAL

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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(763) 553-0708 fax
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DRFT	RDS	DATE	12/14/20
APVD	A.F.	SCALE	1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

DESCRIPTION
BI5-GT18-ADZ30X2-B1431/S34/S1589

IDENTIFICATION NO. 4255285

REV A

FILE: 4255285

SHEET 1 OF 1