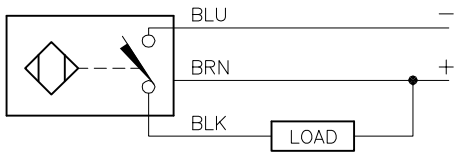
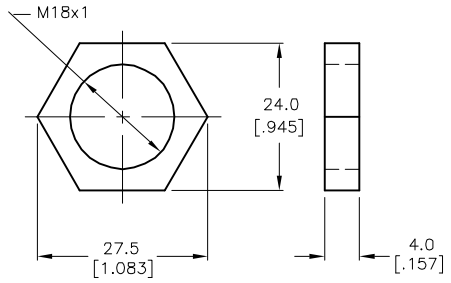
WIRING DIAGRAM

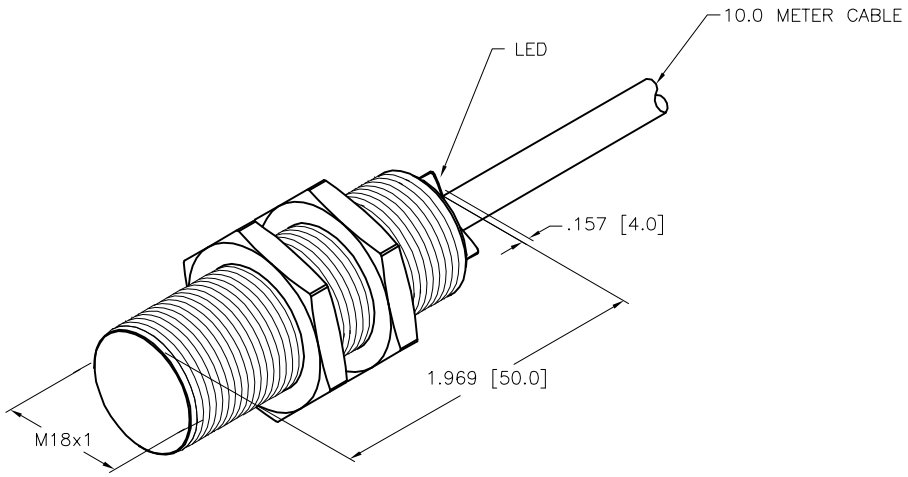


OUTPUT: AN6X

SHORT−CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN−M18





SPECIFICATIONS

RATED OPERATING DISTANCE	8mm [.315"]
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	10−30 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO−LOAD CURRENT	≤ 15 mA
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT−CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE−BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	3−WIRE, NORMALLY OPEN, NPN
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	METAL, BRASS, CHROME−PLATED
ACTIVE FACE	PLASTIC, PA12−GF20
END CAP MATERIAL	PLASTIC, EPTR
CABLE	ø5.2, LifYY, PVC
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	12/10/20	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT RDS | DATE 12/09/20
APVD A.F. | SCALE 1=1.0

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

DESCRIPTION
BI8−G18−AN6X 10M

IDENTIFICATION NO. 46161001 | REV A

FILE: 46161001 | SHEET 1 OF 1

Approved 12/10/2020, work order #224451 by A.F.