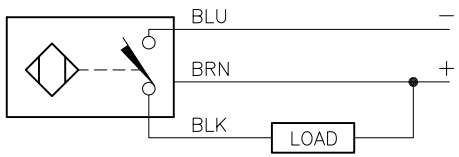
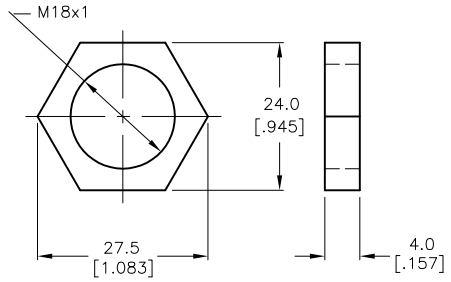
WIRING DIAGRAM



OUTPUT: AN6X

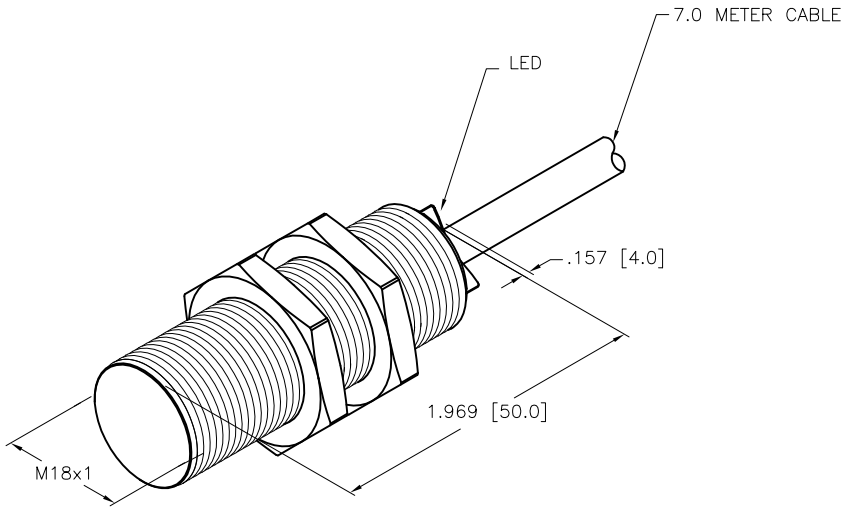
SHORT–CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN–SS18



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	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	≤ 1.0 kHz
HOUSING MATERIAL	SST
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



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3RD ANGLE PROJECTION

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MATERIAL

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UNIT OF MEASUREMENT
INCH [MILLIMETER]
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DESCRIPTION
BI 5–EG18–AN6X 7M

IDENTIFICATION NO. T4611192 | REV A

FILE: T4611192 | SHEET 1 OF 1

Approved 03/13/2012, work order #25109 by J.M.