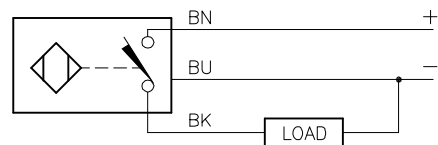
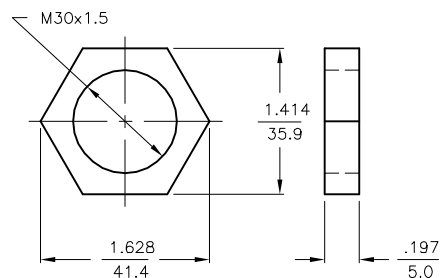


WIRING DIAGRAM



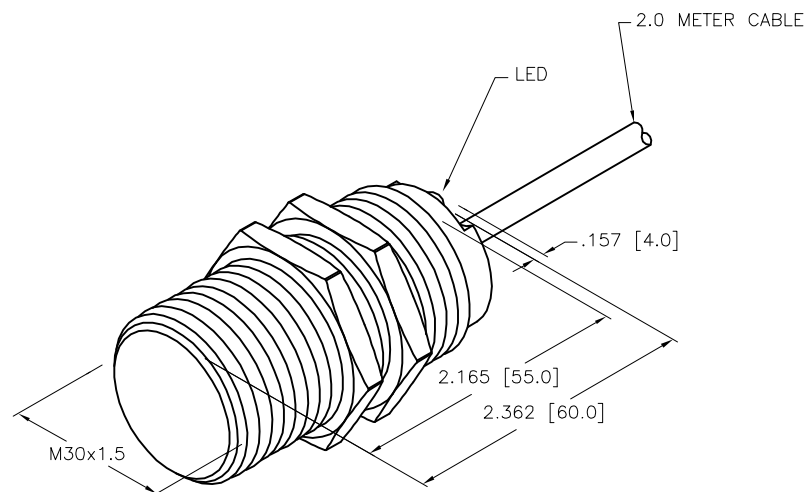
SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M30



SPECIFICATIONS

RATED OPERATING DISTANCE	15mm = .591" (NOMINAL)
MOUNTING MODE	FLUSH
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-40°C to +70°C (-40°F to +158°F)
OPERATING 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 PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
ELECTROSTATIC DISCHARGES	PER IEC 60947-5-2 IN ACCORDANCE TO 61000-4-2
RADIATED RADIO-FREQUENCY ELECTROMAGNETIC FIELDS	PER IEC 60947-5-2 IN ACCORDANCE TO 61000-4-3
TRANSIENT PROTECTION	PER EN60947-5-2
WIRE BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	CHROME-PLATED BRASS
ACTIVE FACE	PLASTIC, PA12-GF20
CABLE	Ø5.7, PVC/GRAY
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW



NOTES:

1. "/S97" DESIGNATES LOW OPERATING TEMPERATURE RATING OF -40°C.
2. "/S1684" DESIGNATES SPECIAL CABLE:

SOURCE DRAWING - FOR REFERENCE ONLY

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1. 2. 3. 4.										
MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT	ER	DATE	12/14/20	DESCRIPTION BI15-M30-AP6X/S97/S1684		
				APVD	A.F.	SCALE	1=1.3			
FINISH		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO. 46185992		REV A
				DO NOT SCALE THIS DRAWING				FILE: 46185992		SHEET 1 OF 1

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