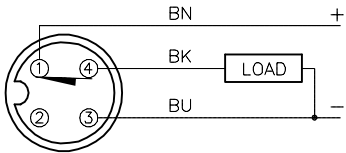


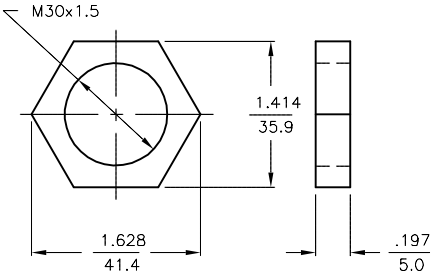
WIRING DIAGRAM



OUTPUT: RP6X

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
WIRE BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY CLOSED, PNP
SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL	CHROME-PLATED BRASS
ACTIVE FACE	PLASTIC, PA12-GF20
CONNECTOR	M12x1
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 A LOW RATED OPERATING TEMPERATURE OF –40°C.

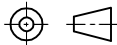
RELATED DOCUMENTS

1.
2.
3.
4.

MATERIAL

FINISH

3RD ANGLE PROJECTION



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CONTACT TURCK FOR MORE INFORMATION

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DRFT NF
APVD A.F.

DATE 08/03/17
SCALE 1=1.0

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

3000 CAMPUS DRIVE
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TURCK

DESCRIPTION
BI15-M30-RP6X-H1143/S97

IDENTIFICATION NO.
46185390

REV
A

A	DRAWING RELEASE	NF	08/03/17	
REV	DESCRIPTION	BY	DATE	ECO. NO.

FILE: 46185390

SHEET 1 OF 1