

WIRING DIAGRAM

BN
BK
BU

LOAD

OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M30

M30x1.5

1.414
35.9

1.628
41.4

.197
5.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	15mm = .591"
MOUNTING MODE	FLUSH
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
OPERATING VOLTAGE	10-30 VDC
MAX. 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 OPEN, NPN
SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	CHROME PLATED BRASS
ACTIVE FACE	PLASTIC, PA12-GF20
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

NOTES:

1. "/S1130" DESIGNATES 2000 Hz SWITCHING FREQUENCY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS
DSGN
UNIT OF MEASUREMENT
INCH [MILLIMETER]
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TURCK INC
High Technology Sensors and Automation Controls

DATE 09/30/09
SCALE 1=1.5

DESCRIPTION
BI15U-M30-AN6X-0.2M-RS 4T/S1130

IDENTIFICATION NO.
M1636771

REV
A

A	DRAWING RELEASE	RDS	09/30/09	
REV	DESCRIPTION	BY	DATE	ECO NO.