

WIRING DIAGRAMS

BLK
BRN
BLU

LOAD

+

-

OUTPUT: AN6X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-P18

M18x1

.945
24.0

1.083
27.5

.157
4.0

SPECIFICATIONS

| | |
|-----------------------------|---|
| RATED OPERATING DISTANCE | 10.0 mm = .394" |
| MOUNTING MODE | NON-FLUSH |
| TEMPERATURE DRIFT | ≤ ±10% |
| HYSTERESIS | 3-15% |
| REPEATABILITY | ≤ 2% |
| OPERATING TEMPERATURE | -25°C to +70°C (-13°F to +158°F) |
| RATED OPERATIONAL VOLTAGE | 10-30 VDC |
| 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 | PLASTIC, PA12-GF20 |
| ACTIVE FACE | PLASTIC, PA12-GF30 |
| SHOCK | 30 g, 11 ms |
| VIBRATION | 55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES) |
| DEGREE OF PROTECTION | IP67 |

M18x1

1.575 [40.0]

2.835 [72.0]

0.984 [25.0]

7/8-16UN

LED

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT GMB

DATE 8/1/89

APVD

SCALE 1=1.3

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

MATERIAL

SEE SPECS

FINISH

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DESCRIPTION

N110-P18-AN6X-B2341

IDENTIFICATION NO.

4697800

REV

B

3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1-800-544-7769
(763) 553-7300
(763) 553-0708 fax
www.turck.us

B

UPDATE ID NUMBER PER HARMONIZATION PROJECT

CBM

11/06/17

REV

DESCRIPTION

BY

DATE

ECO NO.