

WIRING DIAGRAM

BN
BU
YE/GN
L1
L2
LOAD

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M12

M12x1
.768
19.5
.669
17.0
.157
4.0

MALE END VIEW

3
2
1
turck

SPECIFICATIONS

RATED OPERATING DISTANCE	4mm = .157" (NOMINAL)
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	20-250 VAC/10-300 VDC
RESIDUAL RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 1.7 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 6 V
MIN. OPERATIONAL CURRENT	≥ 3 mA
LINE FREQUENCY	40-60 Hz
SWITCHING FREQUENCY	≤ 0.02 kHz
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN, SELF CONTAINED
CABLE	PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, RED

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS

DATE 08/04/06

APVD TB

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

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

TURCK

DESCRIPTION

BI4-G12-ADZ32X-0.2-SB3T

IDENTIFICATION NO.

4205098

REV

E

E UPDATE DESCRIPTION

RDS 09/04/20

76151

REV DESCRIPTION

BY

DATE

ECO NO.

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CONTACT TURCK FOR MORE INFORMATION

SHEET 1 OF 1