

WIRING DIAGRAM

OUTPUT: AZ3X

WARNING: NO SHORT-CIRCUIT PROTECTION
ALWAYS WIRE A LOAD IN SERIES WITH THE SENSOR.

LOCKNUT LN-M30

M30x1.5

1.06 [26.9]

1.628 [41.5]

.198 [5.0]

SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm = .394" (FLUSH MOUNTED)
RATED OPERATING DISTANCE	10mm = .394" (NON-FLUSH MOUNTED)
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 20%
HYSTERESIS	2-20%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING VOLTAGE	20-250 VAC
AC RATED OPERATIONAL CURRENT	≤ 500 mA
FREQUENCY	50-60 Hz
SMALLEST OPERATING CURRENT	≥ 5 mA
RESIDUAL CURRENT	≤ 0.1 mA
SWITCHING FREQUENCY	≤ 0.02 kHz
RATED INSULATION VOLTAGE	≤ 1.5 kV
OUTPUT FUNCTION	2-WIRE, NO, 2-WIRE
VOLTAGE DROP	≤ 7.0 V
ACTIVE FACE	PLASTIC, PA12-GF30
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

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT RDS

DATE 11/03/10

APVD

SCALE 1=1.5

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

BC10-M30K-AZ3X-0.2M-RSM30

IDENTIFICATION NO.

2503076

REV

B

B

UPDATE ID NUMBER PER HARMONIZATION PROJECT

CBM

11/06/17

REV

DESCRIPTION

BY

DATE

ECO NO.