

WIRING DIAGRAM

OUTPUT: AZ3X

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

LOCKNUT LN-M18

LED's

0.2 METERS

.157 [4.0]

1.969 [50.0]

M18x1

.394 [10.0]

SB 3T CONNECTOR

1/2-20UNF

SPECIFICATIONS

RATED OPERATING DISTANCE	10mm = .394"
MOUNTING MODE	NON-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 (VAC/VDC)	20-250 VAC/10-300 VDC
MAX. RIPPLE	≤10%
RATED OPERATIONAL CURRENT	≤400 mA (AC)/≤300 mA (DC)
MAINS FREQUENCY	50-60 Hz
RESIDUAL CURRENT	≤1.7 mA
RATED INSULATION VOLTAGE	≤1.5 kV
SURGE CURRENT	≤8.0 A (≤10 ms MAX. 5 Hz)
MAX. VOLTAGE DROP	≤6.0 V
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN
SMALLEST OPERATING CURRENT	≥3.0 mA
MAX. SWITCHING FREQUENCY	≤0.02 kHz
HOUSING MATERIAL	METAL, BRASS, CHROME-PLATED
ACTIVE FACE	PLASTIC, PA12-GF20
END CAP	PLASTIC, TROGAMID T
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67

NOTES:

1. "/S1023" DESIGNATES WET/WASHDOWN APPLICATIONS. LENSED LEDS AND SERPENTINE FULLY POTTED INTERNAL CABLE.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DATE 08/23/10

DESCRIPTION NI10-G18-AZ3X-0.2M-SB 3T/S1023

DRFT RDS

DSGN

SCALE 1=1.3

UNIT OF MEASUREMENT

INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

IDENTIFICATION NO. T4330596

REV A

FILE: T4330596

SHEET 1 OF 1

A DRAWING RELEASE

REV DESCRIPTION

RDS

BY

DATE

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