

WIRING DIAGRAM

OUTPUT: RZ3X

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

LOCKNUT LN-M18

M18x1

1.083
27.5

.945
24.0

.157
4.0

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
RESIDUAL 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 CLOSED
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

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT

GMB

DATE

9/29/88

DESCRIPTION

NI10-G18SK-RZ3X2 55MM

MATERIAL

SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

APVD

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [MILLIMETER]

CONTACT TURCK FOR MORE INFORMATION

IDENTIFICATION NO.

4331700

REV

B

FINISH

DO NOT SCALE THIS DRAWING

FILE: 4331700

SHEET 1 OF 1

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.