

WIRING DIAGRAM

RD/WH

RED L1

LOAD

L2

YE/GN

OUTPUT: AZ33X

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

LOCKNUT LN-M12

M12x1

.669
17.0

.768
19.5

.157
4.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	4mm = .157"
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	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	NO
MAX. VOLTAGE DROP	≤ 6 V
MIN. OPERATIONAL CURRENT	≥ 3 mA
LINE FREQUENCY	40-60 Hz
MAX. SWITCHING FREQUENCY	≤ 0.2 kHz
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN, SELF CONTAINED
HOUSING MATERIAL	BRASS/CHROME-PLATED
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
CABLE	ø5.1, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/S626" DESIGNATES REVERSE KEYED EUROFAST WIRED TO MATE TO MICROSWITCH PROX. ALSO CROSSES TO BRAD HARRISON #81286 SERIES.

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT KMY
APVD A.F.

DATE 03/09/12
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
NI4-G12-AZ33X-0.2-SB3T

IDENTIFICATION NO.
13042020

REV
D

CONTACT TURCK FOR MORE INFORMATION

FILE: 13042020

SHEET 1 OF 1

D	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	12/20/17	
REV	DESCRIPTION	BY	DATE	ECO NO.