

WIRING DIAGRAM

OUTPUT: Y0

LOCKNUT LN-P12

M12x1

.748 19.0

.669 17.0

.315 8.0

LED

0.2 METERS

.157 [4.0]

1.181 [30.0]

M12x1

RS 4.21T CONNECTOR

M12x1

NOTES:

1. "/S100" DESIGNATES SENSOR RATED TO 100°C (212°F).

RELATED DOCUMENTS

1.  
2.  
3.  
4.

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

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DRFT RDS

APVD

DATE 11/20/09

SCALE 1=1.0

UNIT OF MEASUREMENT

INCH [ MILLIMETER ]

DO NOT SCALE THIS DRAWING

3000 CAMPUS DRIVE  
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TURCK

DESCRIPTION

B12-P12-Y0X-0.2M-RS4.21T/S100

IDENTIFICATION NO.

4030094

REV

C

FILE: 4030094

SHEET 1 OF 1

SPECIFICATIONS

RATED OPERATING DISTANCE	2mm = .079"
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	1-10%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +100°C (-13°F to +212°F)
OUTPUT FUNCTION	2-WIRE, NAMUR
MAX. SWITCHING FREQUENCY	≤ 2.0 kHz
VOLTAGE	8.2 VDC (NOMINAL)
NON-ACTUATED CURRENT CONSUMPTION	≥ 2.1 mA
ACTUATED CURRENT CONSUMPTION	≤ 1.2 mA
HOUSING MATERIAL	PLASTIC, PA12-GF20
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, TROGAMID T
CABLE	ø5.2, 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