

WIRING DIAGRAM

OUTPUT: AD4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-M18

SPECIFICATIONS	
RATED OPERATING DISTANCE	5mm [.197"]
MOUNTING MODE	FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	1-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
RESIDUAL RIPPLE	≤ 10%
DC RATED OPERATIONAL CURRENT	≤ 100 mA
RESIDUAL CURRENT	≤ 0.6 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 5.0 V
OUTPUT FUNCTION	2-WIRE, NORMALLY OPEN, 2-WIRE
SMALLEST OPERATING CURRENT	≥ 3.0 mA
MAX. SWITCHING FREQUENCY	≤ 1.0 kHz
HOUSING MATERIAL/PLATING	BRASS/CHROME
ACTIVE FACE MATERIAL	PLASTIC, PA12-GF30
END CAP MATERIAL	PLASTIC, EPTR
CABLE	ø5.2, LiYY, 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

CABLE LENGTH	TOLERANCE
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

NOTE: 1. THIS SENSOR MAY BE USED AS A SINKING OR SOURCING DEVICE.
(SEE WIRING DIAGRAM)

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

1.
2.
3.
4.

3RD ANGLE PROJECTION

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DRFT SC
DSGN -

DATE 04/29/87
SCALE 1=1.0

UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

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DESCRIPTION

Bi 5-M18-AD4X

IDENTIFICATION NO.

T4411000

REV

C

CONTACT TURCK FOR MORE INFORMATION

FILE: T4411000

SHEET 1 OF 1

C UPDATE DRAWING

IK 06/29/00 T3745

REV DESCRIPTION

BY DATE ECO NO.