

WIRING DIAGRAM

OUTPUT: AD4X

SHORT-CIRCUIT AND OVERLOAD PROTECTED

LOCKNUT LN-SS18

M18x1

.945
24.0

1.083
27.5

.157
4.0

SPECIFICATIONS	
RATED OPERATING DISTANCE	7mm [.276"]
MOUNTING MODE	FLUSH
HYSTERESIS	1-15%
MIN. REPEAT ACCURACY	≤2%
TEMPERATURE DRIFT	≤±10%
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 PROTECTED	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	METAL, V4A (1.4404)
ACTIVE FACE MATERIAL	SEE NOTES
END CAP MATERIAL	PLASTIC, EPTR
CONNECTION	M12x1
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
SWITCHING STATUS INDICATION	LED, YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. THERMOSET LAMINATE SENSING FACE.

RELATED DOCUMENTS				3RD ANGLE PROJECTION		THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		<div><div>TURCK INC</div><div>High Technology Sensors and Automation Controls</div></div> <div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div>				
1.	2.	3.	4.			DRFT	RDS	DATE	02/26/08	DESCRIPTION BI 7-EM18HE-AD4X-H1141		
MATERIAL				ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		APVD	SD	SCALE	1=1.0			
FINISH						UNIT OF MEASUREMENT		INCH [MILLIMETER]		IDENTIFICATION NO. T44145802		REV B
				CONTACT TURCK FOR MORE INFORMATION		DO NOT SCALE THIS DRAWING		FILE: T44145802		SHEET 1 OF 1		

B	ADD WASHERS TO SENSOR ASSEMBLY, SEE ECO	RDS	08/20/12	39694
REV	DESCRIPTION	BY	DATE	ECO NO.