

WIRING DIAGRAM	LOCKNUT LN-M18	SPECIFICATIONS	
		MEASURING RANGE [A...B]	2.0–4.0 mm
		MIN. REPEAT ACCURACY	≤1%
		MAX. RELATIVE TEMPERATURE DRIFT	≤ ±.06%/C°
		OPERATING TEMPERATURE	–10°C to +70°C (–14°F to +158°F)
		OPERATING VOLTAGE	15–30 VDC
		RIPPLE	≤10%
		NO-LOAD CURRENT	≤ 8 mA
		RATED INSULATION VOLTAGE	≤ 0.5 kV
		OUTPUT FUNCTION	4-WIRE, ANALOG

	SHORT-CIRCUIT PROTECTED	YES
	WIRE-BREAK PROTECTION	INCORPORATED
	REVERSE POLARITY PROTECTION	INCORPORATED
	VOLTAGE OUTPUT	0–10 V
	CURRENT OUTPUT	0–20 mA
	LINEARITY TOLERANCE	≤ 5% OF FINAL VALUE
	VOLTAGE OUTPUT LOAD RESISTANCE	≥ 4.7 kΩ
	CURRENT OUTPUT LOAD RESISTOR	≤ 0.4 kΩ
	READING RATE FREQUENCY	200 Hz
	DEGREE OF PROTECTION	IP 67
	HOUSING MATERIAL	BRASS, CHROME PLATED
	ACTIVE FACE	PLASTIC, PA12-GF30

		SOURCE DRAWING - FOR REFERENCE ONLY	
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TYPICAL RESPONSE CURVE OUTPUT CURRENT AND VOLTAGE NOMINAL SENSING RANGE (mm)					SOURCE DRAWING - FOR REFERENCE ONLY																												
RELATED DOCUMENTS 1. 2. 3. 4.					3RD ANGLE PROJECTION		THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com TURCK INC High Technology Sensors and Automation Controls																								
MATERIAL					ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT RDS		DATE 09/19/05		DESCRIPTION BI 5-M18E-LIU-H1141																						
							DSGN TB		SCALE NONE																								
FINISH					CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]				IDENTIFICATION NO. M1536205				REV B																		
DO NOT SCALE THIS DRAWING							FILE: M1536205				SHEET 1 OF 1																						
<table><tr><td>B</td><td>UPDATE TO SHOW ACCURATE SENSING RANGE</td><td>RDS</td><td>07/12/06</td><td>15660</td></tr><tr><td>REV</td><td>DESCRIPTION</td><td>BY</td><td>DATE</td><td>ECO NO.</td></tr></table>														B	UPDATE TO SHOW ACCURATE SENSING RANGE	RDS	07/12/06	15660	REV	DESCRIPTION	BY	DATE	ECO NO.										
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