

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	
--	--	-------------------------------------	--

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