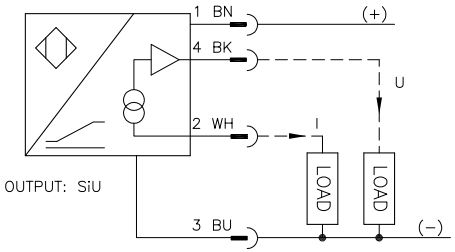
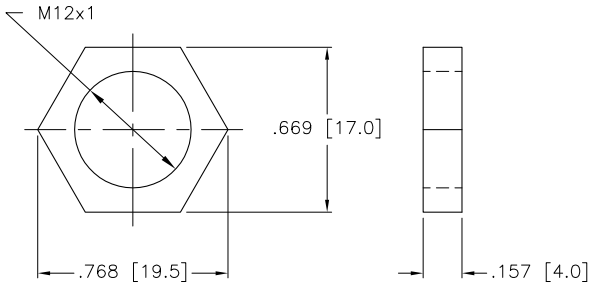
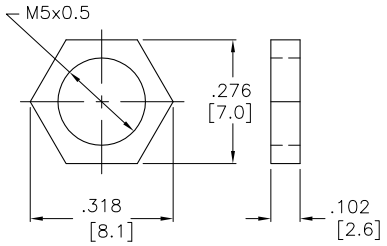
WIRING DIAGRAM

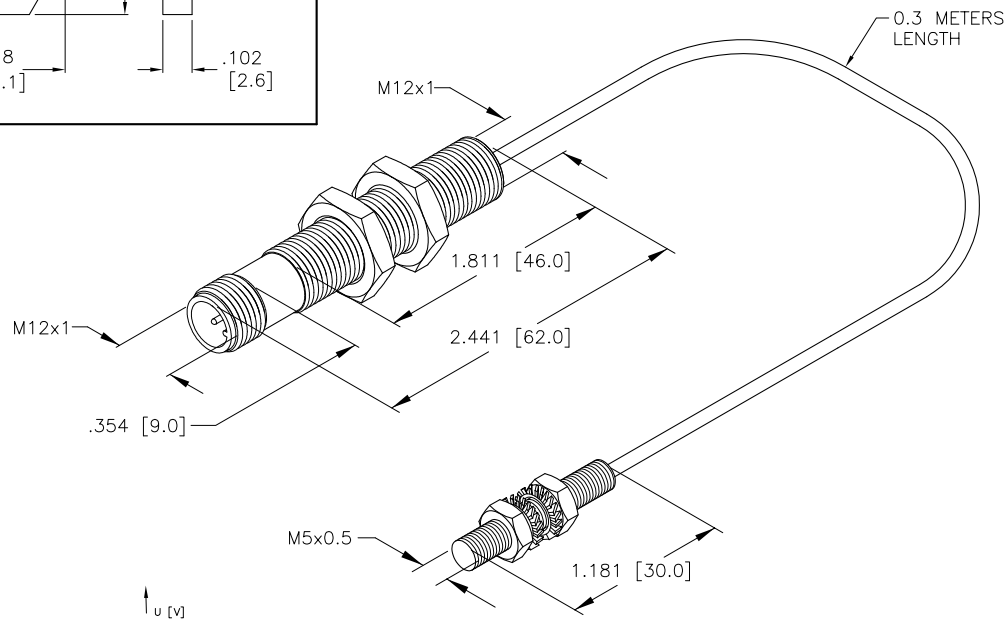


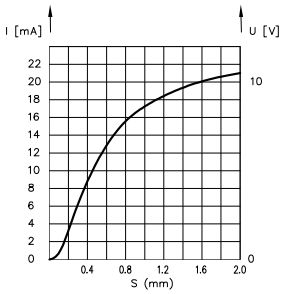
LOCKNUT LN−M12



LOCKNUT LN−M5







SPECIFICATIONS

MEASURING RANGE [A...B]	0.1−1.5 mm
MIN. REPEAT ACCURACY	≤1% OF MEASURING RANGE [A−B] ≤0.5%, AFTER A HEATING PERIOD OF 0.5 H
REPRODUCIBILITY	≤14 µm ≤7 µm, AFTER A HEATING PERIOD OF 0.5 H
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
VOLTAGE OUTPUT	0−10 V
CURRENT OUTPUT	0−20 mA
VOLTAGE OUTPUT LOAD RESISTANCE	≥ 4.7 kΩ
CURRENT OUTPUT LOAD RESISTOR	≤ 0.4 kΩ
READING RATE FREQUENCY	200 Hz
HOUSING MATERIAL	METAL, A2 1.4301 (AISI 304)
ACTIVE FACE	PLASTIC, PA12−GF30
CABLE/JACKET MATERIAL/LENGTH	ø2.4, PVC, 0.3 METERS
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	RDS	03/07/03	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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MATERIAL

FINISH

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DRFT RDS | DATE 03/07/03
DSGN | SCALE NONE

UNIT OF MEASUREMENT
INCH [MILLIMETER]
DO NOT SCALE THIS DRAWING

DESCRIPTION
Bi 1.5−EG05−0.3−M12−SiU−H1141

IDENTIFICATION NO. M1533005 | REV A

FILE: m1533005 | SHEET 1 OF 1