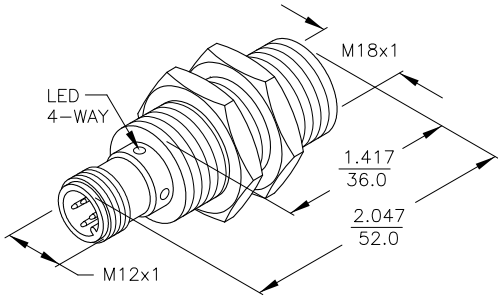


WIRING DIAGRAM	LOCKNUT LN-M18	SPECIFICATIONS
<p>OUTPUT: AP6X</p> <p>SHORT-CIRCUIT AND OVERLOAD PROTECTED</p>		OPERATING VOLTAGE
		10-30 VDC
		RIPPLE
		≤ 10%
		DIFFERENTIAL TRAVEL (HYSTERESIS)
		3-15% (5% TYPICAL)
		VOLTAGE DROP ACROSS CONDUCTING SENSOR
		≤ 1.8 V at 200 mA
		OUTPUT FUNCTION
		NORMALLY OPEN 3-WIRE DC SELF-CONTAINED
		TTL COMPATIBLE
		NO
		SHORT-CIRCUIT PROTECTED
		YES
		TRIGGER CURRENT FOR OVERLOAD PROTECTION
		≥ 220 mA
		CONTINUOUS LOAD CURRENT
		≤ 200 mA
		OFF-STATE (LEAKAGE) CURRENT
		≤ 0.1 mA
		NO-LOAD CURRENT
		≤ 15 mA
		TIME DELAY BEFORE AVAILABILITY
		≤ 8 ms
		POWER-ON EFFECT
		PER IEC 947-5-2
		REVERSE POLARITY PROTECTION
		INCORPORATED
		WIRE-BREAK PROTECTION
		INCORPORATED
		PROTECTION AGAINST TRANSIENTS
		Per EN 60947-5-2
		OPERATING TEMPERATURE (10% DRIFT)
		-25°C to +70°C (-13°F to +158°F)
		OPERATING TEMPERATURE (15% DRIFT)
		-30°C to +85°C (-22°F to +185°F)
		ENCLOSURE
		MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP68
		SHOCK
		30 g, 11 ms
		VIBRATION
		55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
		LED FUNCTION (2-COLOR)
		LED YELLOW: OUTPUT ENERGIZED
		LED GREEN: POWER ON
		LED FLASHING: SHORT-CIRCUIT WARNING
		RATED OPERATING DISTANCE(Sn)
		5 mm = .197" (NOMINAL)
		SWITCHING FREQUENCY
		2500 Hz
		REPEATABILITY
		≤ 2% of RATED OPERATING DISTANCE
		EMBEDDABLE (SHIELDED)
		YES
		MATING PLUGS/CABLES
		4-PIN "EUROFAST" CONSTRUCTION



- NOTES: 1. MATERIALS:  
 BARREL - CHROME PLATED BRASS  
 LOCKNUTS - CHROME PLATED BRASS  
 CONNECTOR - CHROME PLATED BRASS  
 SENSING FACE - PA12-GF30 PLASTIC
2. UPROX HAS WELD FIELD IMMUNITY, SENSOR IS SUITABLE FOR USE ON RESISTANCE MACHINES.
3. ALL DIMENSIONAL TOLERANCES ±1.0 mm.

A	DRAWING RELEASE	JB	07/08/03	
REV	DESCRIPTION	BY	DATE	ECO NO.

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MATERIAL	SEE NOTES	DRFT	CBM	DATE	06/27/00
FINISH	SEE NOTES	DSGN	SCALE	NONE	
		UNIT OF MEASUREMENT		DESCRIPTION	
		INCH [ MILLIMETER ]		Bi 5U-M18-AP6X-H1141	
		CONTACT TURCK FOR MORE INFORMATION		IDENTIFICATION NO.	REV
		DO NOT SCALE THIS DRAWING		M1635140	A
				FILE: M1635140	SHEET 1 OF 1

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