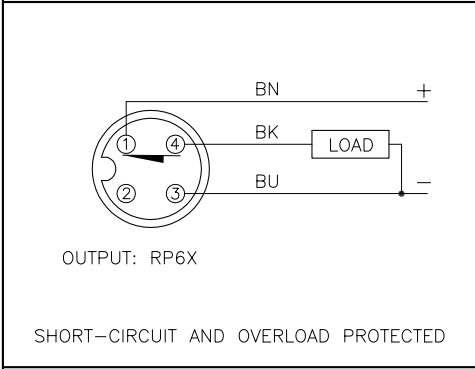


WIRING DIAGRAM



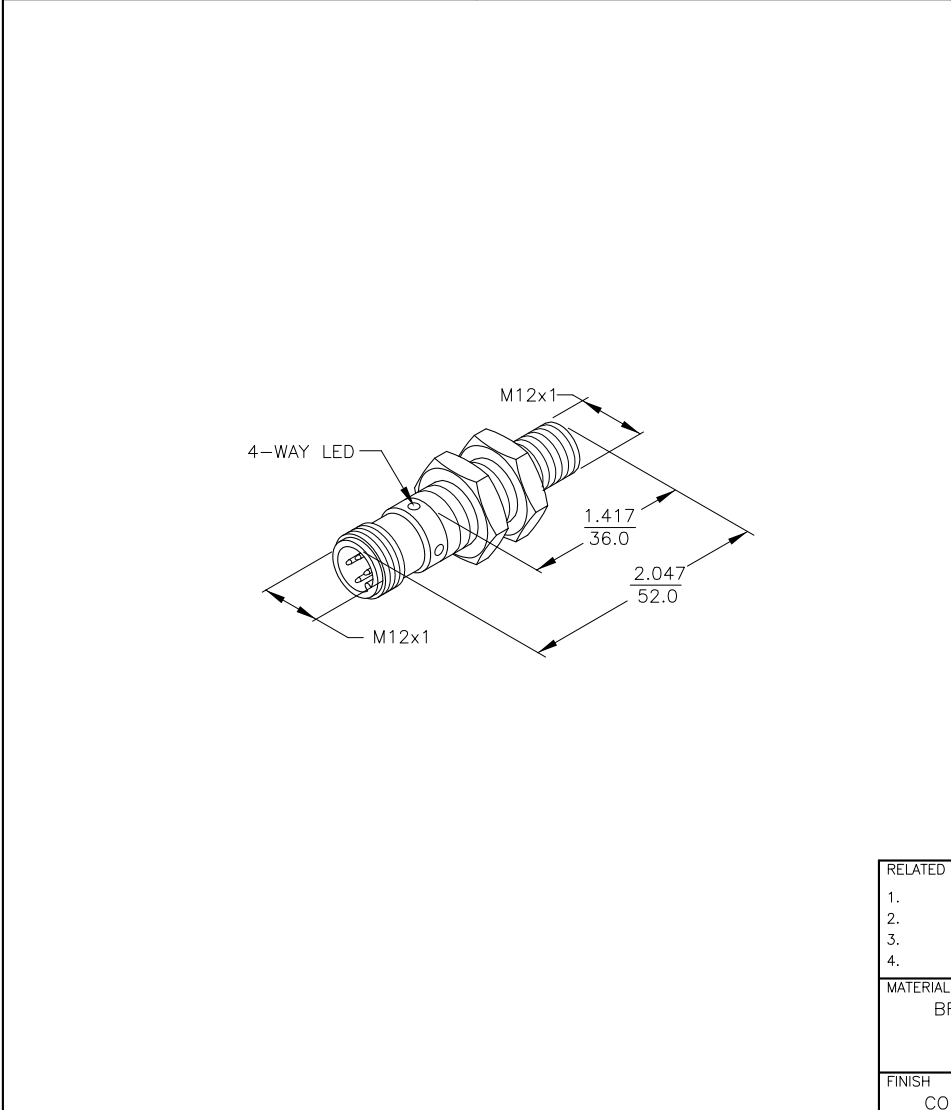
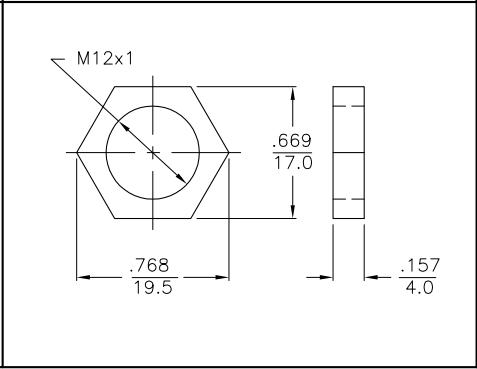
4-WAY LED

M12x1

This technical drawing shows a side view of a 4-WAY LED connector. The connector has a cylindrical body with a threaded section. A label '4-WAY LED' points to the top of the connector. Another label 'M12x1' points to the threaded section of the connector.

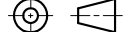
B	UPDATED WIRING DIAGRAM
REV	DESCRIPTION

LOCKNUT LN-M12



SPECIFICATIONS	
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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 CLOSED, 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	≤ 8 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)
ENCLOSURE	MEETS NEMA 1, 3, 4, 6, 13 AND IEC IP67
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
LED FUNCTION	YELLOW: OUTPUT ENERGIZED
RATED OPERATING DISTANCE(Sn)	4 mm = .158" (NOMINAL)
SWITCHING FREQUENCY	2000 Hz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	NO
MATING PLUGS/CABLES	4–PIN "EUROFAST" CONSTRUCTION

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 <i>High Technology Sensors and Automation Controls</i>		
MATERIAL BRASS BARREL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT CBM	DATE 09/26/99	DESCRIPTION Bi 4-M12-RP6X-H1143		
		DSGN	SCALE NONE			
FINISH COPPER, NICKEL, CHROME PLATING		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING	IDENTIFICATION NO. T4607090		REV B	
			FILE: T4607090		SHEET 1 OF 1	