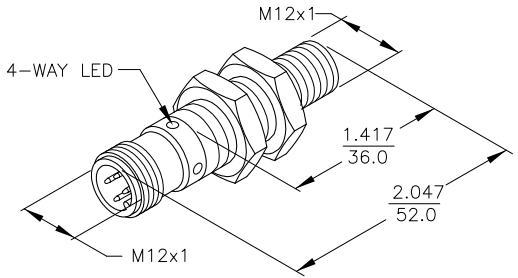


SPECIFICATIONS	
OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤ 10%
DIFFERENTIAL TRAVEL (HYSTERESIS)	1-15% (5% TYPICAL)
VOLTAGE DROP ACROSS CONDUCTING SENSOR	≤ 5 V at 100 mA
OUTPUT FUNCTION	NORMALLY OPEN 2-WIRE DC SELF-CONTAINED
TTL COMPATIBLE	NO
SHORT-CIRCUIT PROTECTED	YES
TRIGGER CURRENT FOR OVERLOAD PROTECTION	≥ 120 mA
CONTINUOUS LOAD CURRENT	≤ 100 mA
OFF-STATE (LEAKAGE) CURRENT	≤ 0.6 mA
TIME DELAY BEFORE AVAILABILITY	≤ 3 ms
POWER-ON EFFECT	PER IEC 947-5-2
REVERSE POLARITY 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)	3mm = .118" (NOMINAL)
SWITCHING FREQUENCY	1000 Hz
REPEATABILITY	< 2% of RATED OPERATING DISTANCE
EMBEDDABLE (SHIELDED)	YES
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.		TURCK INC <i>High Technology Sensors and Automation Controls</i> 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com	
MATERIAL BRASS BARREL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT CBM DATE 09/26/99 DSGN SCALE NONE		DESCRIPTION Bi 3-M12-AD4X-H1141	
FINISH COPPER, NICKEL, CHROME PLATING		CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T4405041	
A DRAWING RELEASE CBM 09/28/99		REV DESCRIPTION BY DATE ECO NO.		DO NOT SCALE THIS DRAWING		REV A	
						FILE: T4405041 SHEET 1 OF 1	