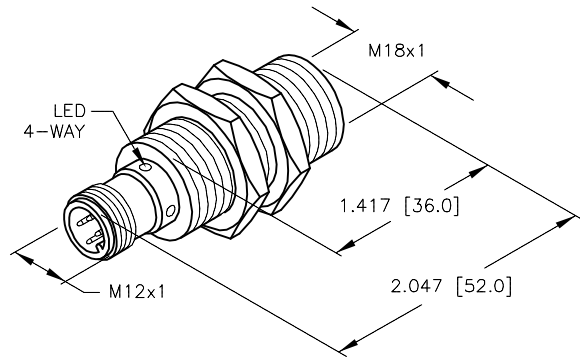


SPECIFICATIONS

OPERATING VOLTAGE	10-30 VDC
RIPPLE	≤10%
HYSTERESIS (DIFFERENTIAL TRAVEL)	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	<10 μA
NO-LOAD CURRENT	5.5-9.5 mA
TIME DELAY BEFORE AVAILABILITY	≤ 8 ms
POWER-ON EFFECT	Per IEC 947-5-2
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
TRANSIENT PROTECTION	Per EN 60947-5-2
OPERATING TEMPERATURE	-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(S _n)	5mm = 0.197" (NOMINAL)
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz
REPEATABILITY	≤ 2% of RATED OPERATING DISTANCE
SHIELDED	YES



NOTE: ALL TOLERANCES ±1.0 mm.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE 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	
		MATERIAL BRASS BARREL	DRFT SMW APVD	DATE 08/10/87 SCALE 1=1.5	DESCRIPTION Bi 5-M18-AP6X-H1141
FINISH COPPER/NICKEL/ CHROME PLATING	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	UNIT OF MEASUREMENT INCH [MILLIMETER]		IDENTIFICATION NO. T4614500	
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D	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/30/12	40518
REV	DESCRIPTION	BY	DATE	ECO NO.