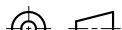


SPECIFICATIONS	
RATED OPERATING DISTANCE	4mm =.158"
MOUNTING MODE	FLUSH
MIN. REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10% ≤ ±15%, ≤ -25°C v ≥ +70°C
HYSTERESIS (SWITCHING DISTANCE)	3-15%
OPERATING TEMPERATURE	-30°C to +85°C (-22°F to +185°F)
RATED OPERATIONAL VOLTAGE	10-30 VDC
MAX. RIPPLE	≤ 10%
RATED OPERATIONAL CURRENT	≤ 200 mA
NO-LOAD CURRENT	≤ 15 mA
MAX. OFF-STATE CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
OUTPUT FUNCTION	NORMALLY OPEN, 3-WIRE, PNP
MAX. SWITCHING FREQUENCY	≤ 2 kHz
HOUSING MATERIAL	NICKEL-PLATED BRASS, PTFE-COATED
ACTIVE FACE	PLASTIC, LCP-GF30, PTFE-COATED
CONNECTION	M12x1
SHOCK RESISTANCE	30 g, 11 ms
VIBRATION RESISTANCE	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP68
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS  1.  2.  3.  4.	3RD ANGLE PROJECTION			<div><p><b>TURCK INC</b></p><p><i>High Technology Sensors and Automation Controls</i></p></div> <div><p>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</p></div>			
	MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY  CONTACT TURCK FOR MORE INFORMATION	DRFT RDS			DATE 05/18/06	DESCRIPTION  BI 4U-MT12E-AP6X2-H1141
	DSGN TB		SCALE 1=1.0				
FINISH	UNIT OF MEASUREMENT  <b>INCH [ MILLIMETER ]</b>  DO NOT SCALE THIS DRAWING			IDENTIFICATION NO.  M1644742	REV  B		
				FILE: M1644742	SHEET 1 OF 1		

B	REMOVE TRADEMARKED MATERIAL REFERENCES	CBM	11/16/12	40471
REV	DESCRIPTION	BY	DATE	ECO NO.