



SPECIF	SPECIFICATIONS					
RATED OPERATING DISTANCE	5mm [.197"]					
MOUNTING MODE	FLUSH					
MIN. REPEAT ACCURACY	≤ 2%					
TEMPERATURE DRIFT	≤±10%					
HYSTERESIS	3-15%					
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)					
RATED OPERATIONAL VOLTAGE	10-30 VDC					
RESIDUAL RIPPLE	≤ 10%					
DC RATED OPERATIONAL CURRENT	≤ 200 mA					
NO-LOAD CURRENT	≤ 15 mA					
RESIDUAL CURRENT	≤ 0.1 mA					
RATED INSULATION VOLTAGE	≤ 0.5 kV					
SHORT-CIRCUIT PROTECTION	YES ≤1.8 V INCORPORATED					
MAX. VOLTAGE DROP						
WIRE BREAKAGE PROTECTION						
REVERSE POLARITY PROTECTION	INCORPORATED					
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN					
SWITCHING FREQUENCY	≤ 1.0 kHz					
HOUSING MATERIAL	PLASTIC, PA					
ACTIVE FACE MATERIAL	PLASTIC, PA					
CONNECTOR	M12x1					
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)					
SHOCK RESISTANCE	30 g, 11 ms					
DEGREE OF PROTECTION	IP 67					
SWITCHING STATUS INDICATION	LED, YELLOW					

## SOURCE DRAWING - FOR REFERENCE ONLY

	Sounce Drawing - For reference of										INL I
					RELATED DOCUMENTS  1. 2. 3. 4.	DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.  High Technology Sensors and		ny Sensors and Automation Controls	3000 CAMPUS I MINNEAPOLIS, MN 1-800-544-7 (763) 553-7 (763) 553-0 turck.com	55441 7769 300 708 fax	
					MATERIAL SEE NOTES	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DSGN UNIT OF ME	SCALE 1=1.0	DESCRIPTION BI 5-S18-AN	6X-H1141	
Α	SEE REVISION DOCUMENT CP-S18	GMB	5/11/90		FINISH SEE NOTES	CONTACT TURCK FOR MORE INFORMATION	INCH [ MILLIMETER ]		IDENTIFICATION NO. T4652500		REV A
REV	DESCRIPTION	BY	DATE	ECO NO.			DO NOT SCALE	THIS DRAWING	FILE: T4652500	SHEET	1 OF 1