



SPECIF	FICATIONS					
RATED OPERATING DISTANCE	8mm [.315]					
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 YES ≤ 1.8 V					
SHORT-CIRCUIT PROTECTION						
MAX. VOLTAGE DROP						
WIRE BREAKAGE PROTECTION	INCORPORATED					
REVERSE POLARITY PROTECTION	INCORPORATED					
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP					
MAX. SWITCHING FREQUENCY	≤ 0.5 kHz					
HOUSING MATERIAL	BRASS, CHROME PLATED					
ACTIVE FACE	PLASTIC, LCP-GF30					
END CAP	PLASTIC, EPTR					
CABLE	ø5.2, PVC					
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

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					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.	High Technolog	ECH Inc	3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com
					SEE SPECS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	CDM	SCALE 1=1.0	BI 8-M18-AP6X	
F	DRAWING PROCESSED AS PART OF ECO 40518	KMY	11/30/12	40518	FINISH SEE SPECS	CONTACT TURCK FOR MORE INFORMATION	INCH [MIL	LIMETER]	T46150	030 REV
REV	DESCRIPTION	BY	DATE	ECO NO.	JLL 31 EG3	IN ONWATION	DO NOT SCALE	THIS DRAWING	FILE: T4615030	SHEET 1 OF