



SPECIFICATIONS	
RATED OPERATING DISTANCE	8mm [.315]
MOUNTING MODE	FLUSH
REPEATABILITY	≤ 2%
TEMPERATURE DRIFT	≤ ± 10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
OPERATING 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
MAX. VOLTAGE DROP	≤ 1.8 v
WIRE BREAK PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, PNP
SWITCHING FREQUENCY	≤ 0.5 kHz
HOUSING MATERIAL/PLATING	BRASS/CHROME
ACTIVE FACE MATERIAL	PLASTIC, LCP-GF30
END CAP MATERIAL	PLASTIC, EPTR
CABLE	ø5.2, PVC
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

NOTES:

DEUTSCH PART NUMBERS:  
CONNECTOR: DT04-3P-CE02  
LOCKING WEDGE: W3P  
PINS: 460-202-16141  
PINOUT: A=BROWN, B=BLUE, C=BLACK

**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.		<b>TURCK</b>		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
	SEE SPECS	DRFT	NF	DATE	04/18/18		DESCRIPTION B18-M18-AP6X-0.4-DT04-3PM3
	SEE SPECS	APVD	A.F.	SCALE	1=1.5		
	FINISH	UNIT OF MEASUREMENT	<b>INCH [ MILLIMETER ]</b>		IDENTIFICATION NO.		REV
		CONTACT TURCK FOR MORE INFORMATION		4414763		A	
		DO NOT SCALE THIS DRAWING		FILE: 4414763		SHEET 1 OF 1	

A	DRAWING RELEASE	NF	05/07/18	
REV	DESCRIPTION	BY	DATE	ECO NO.