


SPECIFICATIONS	
RATED OPERATING DISTANCE	10mm = .394" (FLUSH MOUNT)
RATED OPERATING DISTANCE	10mm = .394" (NON-FLUSH MOUNT)
TEMPERATURE DRIFT	≤ ± 20%
HYSTERESIS	2-20%
MIN. REPEAT ACCURACY	≤ 2%
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
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
RATED INSULATION VOLTAGE	≤ 0.5 kV
OUTPUT FUNCTION	NORMALLY CLOSED, 3-WIRE, pnp
SHORT-CIRCUIT PROTECTED	YES
MAX. VOLTAGE DROP	≤ 1.8 V
REVERSE POLARITY PROTECTION	INCORPORATED
WIRE-BREAK PROTECTION	INCORPORATED
HOUSING MATERIAL	PLASTIC, PP
ACTIVE FACE	PLASTIC, PP
CABLE	ø3.0, LiFY-11Y, TPU
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
DEGREE OF PROTECTION	IP67
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

SOURCE DRAWING - FOR REFERENCE ONLY

<div>RELATED DOCUMENTS</div> <div>1. 2. 3. 4.</div>					<div>3RD ANGLE PROJECTION</div> <div></div>		<div>THIS DRAWING IS PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.</div>		<div>3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax turck.com</div> <div>TURCK INC High Technology Sensors and Automation Controls</div>			
					<div>MATERIAL</div>		<div>ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY</div>		<div>DRFT RDS</div> <div>DATE 07/16/10</div>		<div>DESCRIPTION</div> <div>BC10-QF5.5-RP6X2-0.2M-PSG 3</div>	
									<div>DSGN</div> <div>SCALE 1 = 1.5</div>			
					<div>FINISH</div>		<div>CONTACT TURCK FOR MORE INFORMATION</div>		<div>UNIT OF MEASUREMENT</div> <div>INCH [MILLIMETER]</div> <div>DO NOT SCALE THIS DRAWING</div>		<div>IDENTIFICATION NO.</div> <div>S2620166</div>	
<div>FILE: S2620166</div>		<div>SHEET 1 OF 1</div>										
<div>B</div>	<div>DRAWING PROCESSED AS PART OF ECO 33971</div>			<div>CBM</div>	<div>04/06/11</div>	<div>33971</div>						
<div>REV</div>	<div>DESCRIPTION</div>			<div>BY</div>	<div>DATE</div>	<div>ECO NO.</div>						