



RATED OPERATING DISTANCE	15mm = .591" (NOMINAL)
MOUNTING MODE	NON-FLUSH
REPEAT ACCURACY	≤ 2%
TEMPERATURE DRIFT	≤ ±10%
HYSTERESIS	3-15%
AMBIENT TEMPERATURE	-25°C to +70°C (-13°F to +158°F
OPERATING VOLTAGE	10-30 VDC
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 PROTECTED	YES
VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	YES
REVERSE POLARITY PROTECTION	YES
OUTPUT FUNCTION	3-WIRE, NORMALLY OPEN, NPN
SWITCHING FREQUENCY	≤ 2.0 kHz
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
MATERIAL ACTIVE FACE	PLASTIC, PBT-GF30-V0
CABLE	ø5.2, LifYY, PVC
SHOCK	30 g, 11 ms
VIBRATION	55 Hz, 1 mm AMPLITUDE (IN ALL 3 PLANES)
PROTECTION DEGREE	IP67
SWITCHING STATUS INDICATION	LED; YELLOW

CDECIFICATIONS

NOTES:

1. "/CS10879" DESIGNATES SENSOR CUSTOM WIRED TO MOLEX CONNECTOR.

MOLEX CONNECTOR: 50579403

MOLEX PINS: 1602-0082 (24 AWG OR SMALLER) 1602-0087 (22AWG OR LARGER)

PIN 1 = BROWN PIN 2 = BLUE PIN 3 = BLACK

1" SHRINK TUBE COVERING WIRE EXIT FROM CABLE JACKET.

В	ADD HEAT SHRINK	RDS	07/16/12	39405
REV	DESCRIPTION	BY	DATE	ECO NO.

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.	High Technology	3000 CAMPUS MINNEAPOLIS, M 1-800-544- (763) 553- (763) 553- turck.cor	N 55441 7769 7300 0708 fax	
	MATERIAL PBT-GF30-V0	ALL DIMENSIONS	DRFT RDS	DATE 10/05/06	DESCRIPTION NI15-Q30-AN6	9	
	PLASTIC HOUSING	DISPLAYED ON THIS DRAWING ARE FOR	TB 30ALL 1=1.5			,	
ŀ	FINISH	REFERENCE ONLY		EASUREMENT	IDENTIFICATION NO.		REV
5		CONTACT TURCK FOR MORE INFORMATION	INCH [MILLIMETER]		M46593	В	
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