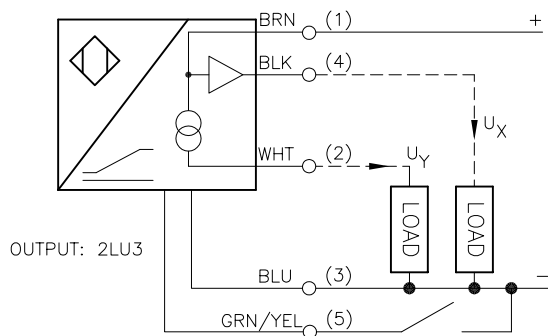
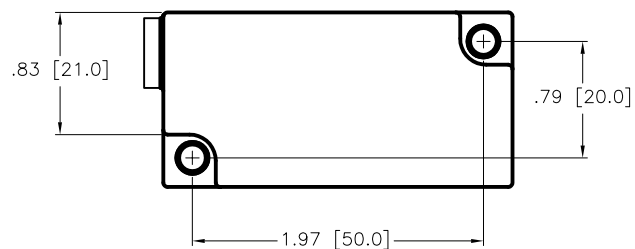


WIRING DIAGRAM



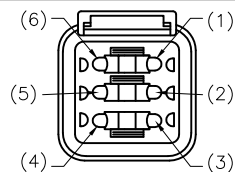
MOUNTING HOLES



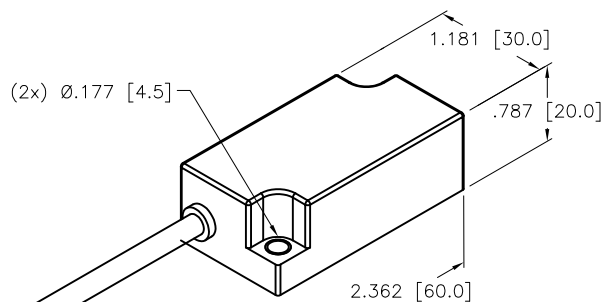
SPECIFICATIONS

MEASURING RANGE [A-B]	-60° to +60°
TEMPERATURE DRIFT	≤ ±0.025%/K
TEMPERATURE COEFFICIENT	0.03°/K
MIN. REPEAT ACCURACY	≤ 0.2% ≤ 0.1%, AFTER A WARM UP TIME OF 0.5 HOURS
AMBIENT TEMPERATURE	-30°C to +70°C (-22°F to +158°F)
OPERATING VOLTAGE	10-30 VDC
NO-LOAD CURRENT	≤ 20 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OVERVOLTAGE PROTECTION	-48 to 48 VDC [Ub MAX]
OUTPUT FUNCTION	4-WIRE, ANALOG
VOLTAGE OUTPUT	0.1 to 4.9 V
VOLTAGE OUTPUT	SHORT-CIRCUIT PROOF Ub (=10-30 VDC)
OUTPUT RECOVERY TIME	≤ 12 ms
REACTION TIME	0.05 to 0.1 SECONDS (TIME FOR THE OUTPUT SIGNAL TO ACHIEVE 90% OF FULL SCALE IF THE ANGLE CHANGES FROM -60°C TO +60°C)
HOUSING MATERIAL	PLASTIC, PBT-GF20-V0
CONNECTION	CABLE
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP67

CONNECTOR VIEW

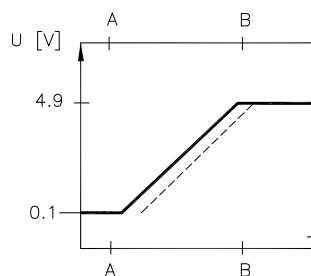


PIN 1 = BROWN
PIN 2 = WHITE
PIN 3 = BLUE
PIN 4 = BLACK
PIN 5 = GREEN/YELLOW
PIN 6 = N/C (PLUG)



0.15 METERS

MEASURING RANGE



CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm

* UNLESS OTHERWISE SPECIFIED

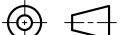
SOURCE DRAWING - FOR REFERENCE ONLY

NOTES:

1. "/CS12440" DESIGNATES 6-PIN DEUTSCH CONNECTOR WITH CABLE LENGTH OF 0.15 METERS TO END OF CONNECTOR. CUSTOM PINOUT.

DEUTSCH CONNECTOR: DT04-6P-CE02
LOCKING WEDGE: W6P

PIN 2 = "Y" AXIS
PIN 4 = "X" AXIS
PIN 5 = TEACH PIN

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.				3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
MATERIAL	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	DRFT	RDS	DATE	01/14/10	DESCRIPTION B2N60H-Q20L60-2LU3/S97/CS12440			
SEE SPECIFICATIONS		APVD		SCALE	1=1.3				
FINISH		UNIT OF MEASUREMENT		IDENTIFICATION NO.		REV			
SEE SPECIFICATIONS		INCH [MILLIMETER]							
	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING		FILE: 1534082		SHEET 1 OF 1			

SHEET 1 OF 1