

WIRING DIAGRAM

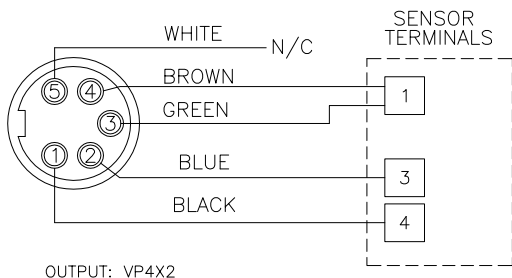
The diagram shows a circular connector with six pins. The pins are numbered 1 through 6. The wiring is as follows:

- PIN 1: WHITE (N/C)
- PIN 2: BLUE
- PIN 3: GREEN
- PIN 4: BLACK
- PIN 5: BROWN
- PIN 6: (unlabeled)

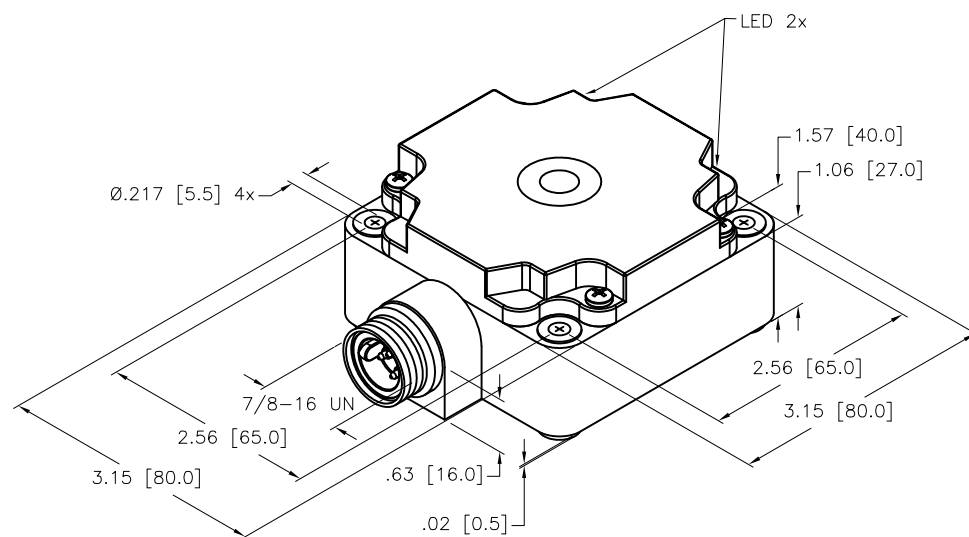
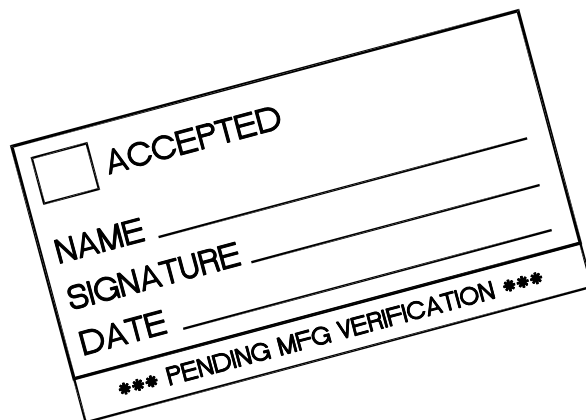
The sensor terminals are labeled 1 through 4. The connections are:

- Terminal 1: GREEN
- Terminal 2: BLUE
- Terminal 3: BLACK
- Terminal 4: BROWN

OUTPUT: VP4X2



OUTPUT: VP4X2



SPECIFICATIONS	
RATED OPERATING DISTANCE	50mm [1.969"]
MOUNTING MODE	NON-FLUSH
TEMPERATURE DRIFT	≤±10%
HYSTERESIS	3-15%
MIN. REPEAT ACCURACY	≤ 2%
OPERATING TEMPERATURE	-25°C to +70°C (-13°F to +158°F)
RATED OPERATIONAL VOLTAGE	10-65 VDC
DC RATED OPERATIONAL CURRENT	≤ 200 mA
RESIDUAL RIPPLE	≤ 10%
RESIDUAL CURRENT	≤ 0.1 mA
RATED INSULATION VOLTAGE	≤ 0.5 kV
NO-LOAD CURRENT	≤ 15 mA
SHORT-CIRCUIT PROTECTION	YES
MAX. VOLTAGE DROP	≤ 1.8 V
WIRE BREAKAGE PROTECTION	INCORPORATED
REVERSE POLARITY PROTECTION	INCORPORATED
OUTPUT FUNCTION	4-WIRE, TWO WAY CONTACT, PNP
MAX. SWITCHING FREQUENCY	≤ 0.1 kHz
HOUSING MATERIAL	PLASTIC, PBT-GF30-V0
CONNECTION	5-PIN MINIFAST
VIBRATION RESISTANCE	55 Hz (IN ALL 3 PLANES)
SHOCK RESISTANCE	30 g, 11 ms
DEGREE OF PROTECTION	IP 67
OPERATING VOLTAGE DISPLAY	LED: GREEN
SWITCHING STATUS INDICATION	LED: YELLOW

1. "/S1826" DESIGNATES CUSTOM WIRING.

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1. 2. 3. 4.							
MATERIAL		DRFT RDS APVD		DATE 10/31/12 SCALE 1=2.4		DESCRIPTION NI50-CP80-VP4X2-B1150/S1826	
SEE SPECS		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION		UNIT OF MEASUREMENT INCH [MILLIMETER] DO NOT SCALE THIS DRAWING		IDENTIFICATION NO. 1501699	
FINISH						REV P3	
SEE SPECS				FILE: 1501699		SHEET 1 OF 1	

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TURCK

2	DESCRIPTION
	NI50-CP80-VP4X2-B1150/S1826

IDENTIFICATION NO.	1501699
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REV
P3UNIT OF MEASUREMENT
INCH [MILLIMETER]

DO NOT SCALE THIS DRAWING

FILE: 1501699

SHEET 1 OF 1

P3	UPDATE ID NUMBER PER HARMONIZATION PROJECT	CBM	11/06/17	
REV	DESCRIPTION	BY	DATE	ECO NO.