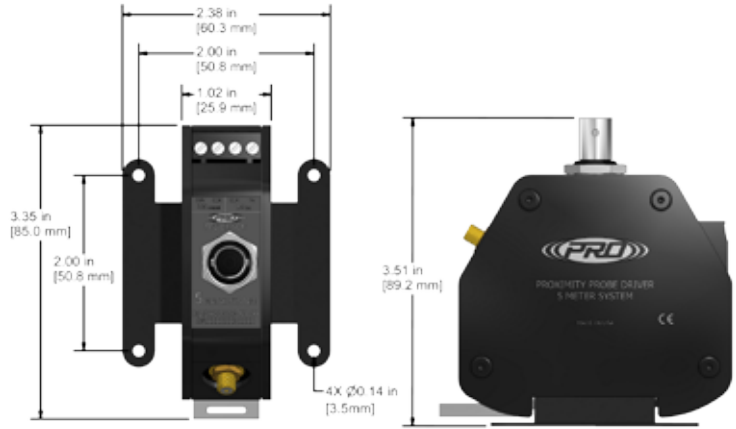


DX330970 Series

BENTLY™ 3300/3300XL COMPATIBLE FFv, 4-20 mA Output, Driver Assembly



**Panel Mount Option
(Shown Above)**



CE Certified

**Panel Mount Option
(Shown Above)**

Product Features

Driver assembly DX330970 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- Flexible system configuration
- 4-20 mA current loop provides power to the driver, and a displacement output proportional to the DC gap
- -200 mV/mil (-7.87 V/mm) output available at terminal block (V_{out} & Com) and at the BNC
- Multiple mounting options (DIN rail, panel or none)

TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Supply
+	4-20 mA DC Gap
Com	
V_{out}	-200 mV/mil, DC Gap

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
Linear Range: 10 to 70 mils (.25 - 2.30 mm) @ approximately 4-20 mA
Nominal Voltage Output: -200 mV/mil (-7.87 V/mm)
4-20 mA Output: 0.20 mA/mil
Input Power/Voltage: 17.5 VDC to 30 VDC (Loop Powered)
Aluminum enclosure
Miniature 12-32 threaded connector
4 position screw terminals + BNC output
Calibrated to AISI 4140 steel

Ordering Information

DX330970 - - - 0 0

System Length	Mounting Type	Regulatory Approval
5 = 5.0 meter 7 = 7.0 meter	0 = Panel (Mounting Screws Are Not Included) 1 = DIN 2 = None	00 = CE Certified



Example Part Number: DX330970-71-00
4140 Steel, 7 meter system length, DIN mount, CE certified

Lifetime Warranty on Materials & Workmanship

www.ctconline.com

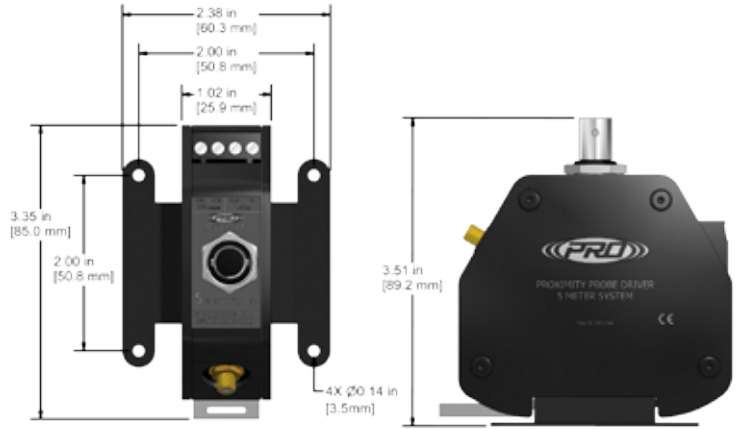


DX330980 Series

BENTLY™ 3300/3300XL COMPATIBLE FFv, Driver Assembly



**Panel Mount Option
(Shown Above)**



CE Certified

**Panel Mount Option
(Shown Above)**

Product Features

Driver assembly DX330980 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- Flexible system configuration
- DC gap and shaft vibration signals available via BNC jack and terminal block for analysis or monitoring
- Multiple mounting options (DIN rail, panel or none)

TERMINAL BLOCK WIRING

Connections	Functions
V _t	-24 VDC
Com	+24 VDC
Com	+24 VDC
V _{out}	-200 mV/mil, DC Gap

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
Linear Range: 10 to 70 mils (.25 - 2.30 mm) @ approximately -1 to -13 VDC
Nominal Voltage Output: -200 mV/mil (-7.87 V/mm)
Input Power/Voltage: -17.5 VDC to -30 VDC
Aluminum enclosure
Miniature 12-32 threaded connector
4 position screw terminals + BNC output
Calibrated to AISI 4140 steel

Ordering Information

DX330980 - - -

System Length	Mounting Type	Regulatory Approval
5 = 5.0 meter 7 = 7.0 meter	0 = Panel (Mounting Screws Are Not Included) 1 = DIN 2 = None	00 = CE Certified



Example Part Number: DX330980-71-00
4140 Steel, 7 meter system length, DIN mount, CE certified

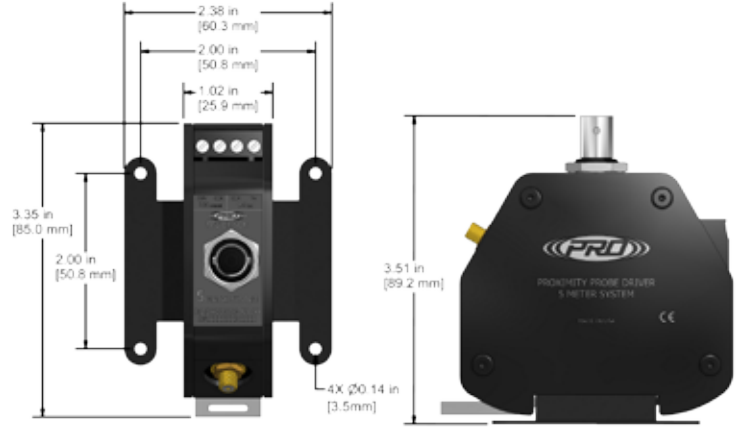


PROTECTION & RELIABILITY INSTRUMENTS

Lifetime Warranty on Materials & Workmanship



**Panel Mount Option
(Shown Above)**



Certified

**Panel Mount Option
(Shown Above)**

Product Features

Driver assembly DX990 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- Flexible system configuration
- 4-20 mA current loop provides power to the driver, and a displacement output proportional to the peak to peak shaft vibration
- -200 mV/mil (-7.87 V/mm) output available at terminal block (V_{out} & Com) and at the BNC
- Multiple mounting options (DIN rail, panel or none)

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
 Linear Range: 10 to 70 mils (.25 - 2.30 mm) @ approximately -1 to -13 VDC
 Nominal Voltage Output: -200 mV/mil (-7.87 V/mm)
 4-20 mA Output: defined by full scale selection
 Input Power/Voltage: 17.5 VDC to 30 VDC (Loop Powered)
 Aluminum enclosure
 Miniature 12-32 threaded connector
 4 position screw terminals + BNC output
 Calibrated to AISI 4140 steel

TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Supply
+	4-20 mA Shaft Vibration
Com	
V_{out}	-200 mV/mil, DC Gap

Ordering Information

DX990 - - - -

Full Scale	System Length	Mounting Type	Regulatory Approval
04 = 0-4 mils pp 05 = 0-5 mils pp	50 = 5.0 meter 70 = 7.0 meter	00 = Panel (Mounting Screws Are Not Included) 01 = DIN 02 = None	00 = CE Certified

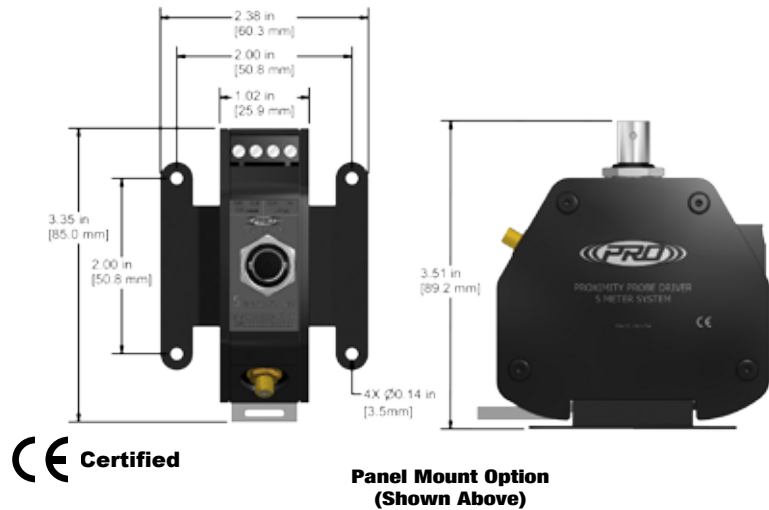


Example Part Number: **DX990-05-70-01-00**

4140 Steel, 0-5 mils pp full scale, 7 meter system length, DIN mount, CE certified



**Panel Mount Option
(Shown Above)**



CE Certified

**Panel Mount Option
(Shown Above)**

TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Gap
+	4-20 mA Supply
Com	
V _{out}	-200 mV/mil, DC Gap

Product Features

Driver assembly DX991 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- Flexible system configuration
- 4-20 mA current loop provides power to the driver, and a displacement output proportional to the axial shaft movement (thrust)
- -200 mV/mil (-7.87 V/mm) output available at terminal block (V_{out} & Com) and at the BNC
- Multiple mounting options (DIN rail, panel or none)

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
Linear Range: 10 to 70 mils (.25 - 2.30 mm) @ approximately -1 to -13 VDC
Nominal Voltage Output: -200 mV/mil (-7.87 V/mm)
4-20 mA Output: defined by full scale selection
Input Power/Voltage: 17.5 VDC to 30 VDC (Loop Powered)
Aluminum enclosure
Miniature 12-32 threaded connector
4 position screw terminals + BNC output
Calibrated to AISI 4140 steel

Ordering Information

DX991 - - - -

Full Scale	System Length	Mounting Type	Regulatory Approval
06 = 0.6-0-0.6 mm 25 = 25-0-25 mils	50 = 5.0 meter 70 = 7.0 meter	00 = Panel (Mounting Screws Are Not Included) 01 = DIN 02 = None	00 = CE Certified



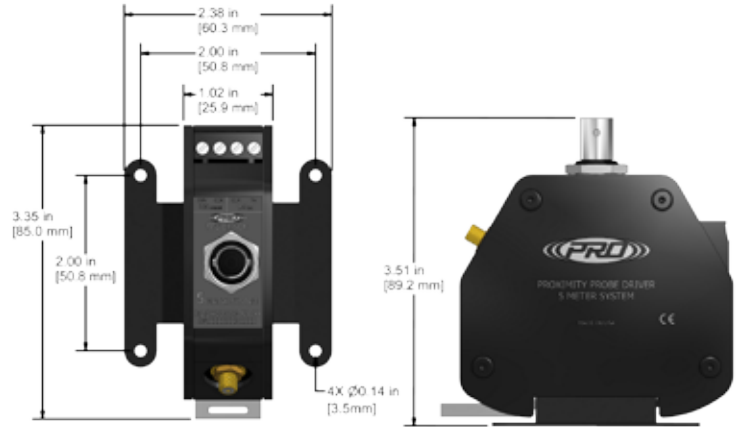
Example Part Number: DX991-25-70-01-00

4140 Steel, 25-0-25 mils full scale, 7 meter system length, DIN mount, CE certified





**Panel Mount Option
(Shown Above)**



Certified

**Panel Mount Option
(Shown Above)**

Product Features

Driver assembly DX999 offers multiple options for mounting and easy connections via BNC jack and screw terminals.

- Flexible system configuration
- 4-20 mA current loop provides power to the driver
- -200 mV/mil (-7.87 V/mm) output available at terminal block (V_{out} & Com) and at the BNC
- Multiple mounting options (DIN rail, panel or none)

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
 Linear Range: 10 to 70 mils (.25 - 2.30 mm) @ approximately -1 to -13 VDC
 Nominal Voltage Output: -200 mV/mil (-7.87 V/mm)
 4-20 mA Output: defined by full scale selection
 Input Power/Voltage: 17.5 VDC to 30 VDC (Loop Powered)
 Resolution: 0.1% of full scale RPM
 Aluminum enclosure
 Miniature 12-32 threaded connector
 4 position screw terminals + BNC output
 Calibrated to AISI 4140 steel

TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Supply
+	4-20 mA RPM
Com	
V_{out}	-200 mV/mil, DC Gap

Ordering Information

DX999 - - - -

Full Scale	System Length	Mounting Type	Regulatory Approval
04 = 0-4 mils pp 05 = 0-5 mils pp	50 = 5.0 meter 70 = 7.0 meter	00 = Panel (Mounting Screws Are Not Included) 01 = DIN 02 = None	00 = CE Certified



Example Part Number: **DX999-05-70-01-00**
 4140 Steel, 0-5 mils pp full scale, 7 meter system length, DIN mount, CE certified