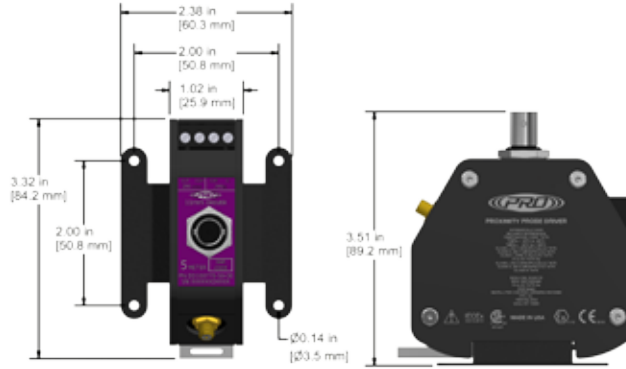


DX791 Series

BENTLY™ 3300/3300XL COMPATIBLE, Intrinsically Safe, 11 mm, Axial, Driver Assembly



**Panel Mount Option
(Shown Above)**

REGULATORY APPROVALS

IECEX
CSA 16.0017X

SP
C US
221421



US & Canada (CSA):
Class I Division 1 Groups A, B, C, D
Class II Division 1 Groups E, F, G
Class III
Class I Zone 0 AEx ia IIC
Class I Division 2 Groups A, B, C, D
Class II Division 2 Groups E, F, G
Ex ia IIC Ga

ATEX:
SIRA 16ATEX2048X
Ex ia IIC

International (IECEX):
IECEX CSA 16.0017X
Ex ia IIC

Temperature Codes:
T4 = -45°C to 100°C
T5 = -35°C to 85°C

Product Features

Continuous Monitoring in Hazardous Locations

Driver assembly DX330791 offers multiple options for mounting and easy connection via 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)
- -100 mV/mil (-3.94 V/mm) output available at terminal block (V_{out} & Com)
- Multiple mounting options (DIN rail, panel or none)

TERMINAL BLOCK WIRING

Connections	Functions
-	4-20 mA Supply
+	4-20 mA Gap
Com	
V_{out}	-100 mV/mil, DC Gap

Specifications

Temperature Range: -31°F (-35°C) to 185°F (85°C)
 Linear Range: 20 to 180 mils (0.5 - 4.5 mm) @ approximately -1.5 to -11.5 VDC
 Nominal Voltage Output: -100 mV/mil (-3.94 V/mm)
 4-20 mA Output: defined by full scale selection
 Input Power/Voltage: 17.5 to 30 VDC (Loop Powered)
 Aluminum enclosure
 Miniature 12-32 threaded connector

Requires Intrinsically Safe Barrier
Driver must be mounted in a NEMA 4x and/or IP6x enclosure

Ordering Information

DX791 - - - - **0 5**

Full Scale	System Length	Mounting Type	Regulatory Approval
12 = 1.2-0-1.2 mm 50 = 50-0-50 mils	50 = 5.0 meter 90 = 9.0 meter	00 = Panel (Mounting Screws Are Not Included) 01 = DIN 02 = None	05 = CSA, ATEX, IECEX Approvals

**All
Products
Are Built
To Order**

Example Part Number: DX791-50-90-01-05

4140 Steel, 50-0-50 mils full scale, 9 meter system length, DIN mount, CSA, ATEX, IECEX certified

Read Before Purchasing:
Important information on **Regulatory Approvals** and **Requirements** on Pages 421-423



Lifetime Warranty on Materials & Workmanship