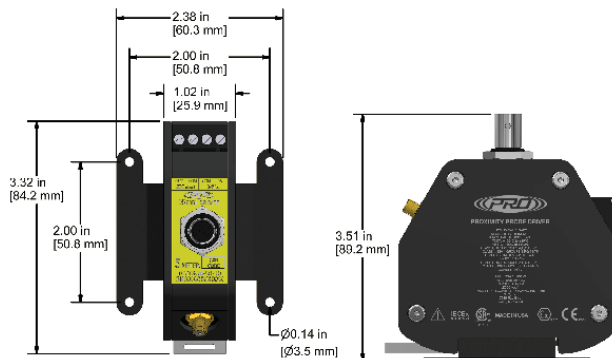


DD100880 Series

Intrinsically Safe, PRO 25 mm, Driver Assembly



Panel Mount Option
(Shown Above)

REGULATORY APPROVALS

IECEx
CSA 16.0017X



II 1G

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 DD100880 offers multiple options for mounting and easy connection via screw terminals.

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

TERMINAL BLOCK WIRING

Connections	Functions
V _t	-24 V Power Supply
Com	+24 V Power Supply
Com	Common
V _{out}	-20 mV/mil, DC Gap

Specifications

Temperature Range: -49°F (-45°C) to 185°F (85°C)
Linear Range: 25 to 525 mils (.63 - 13.33 mm) @ approximately -1.5 to -11.5 VDC
Nominal Voltage Output: -20 mV/mil (-0.787 V/mm)
Input Power/Voltage: -17.5 to -30 VDC
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

DD1 880 - -

Calibrated Material	System Length	Mounting Type	Regulatory Approval
00 = 4140 Steel 08 = 1045 Steel 10 = 17-4 Stainless Steel 11 = 420 Stainless Steel 12 = 304 Stainless Steel 13 = 316 Stainless Steel 20 = 360 Brass Alloy 30 = AL7075-T	5 = 5.0 meter 9 = 9.0 meter	0 = Panel (Mounting Screws Are Not Included) 1 = DIN 2 = None	05 = CSA, ATEX, IECEx Approvals



Example Part Number: DD100880-91-05

4140 Steel, 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