

# DD100180 Series

8 mm PRO Proximity Probe Driver for Eddy Current Probe, Voltage Output

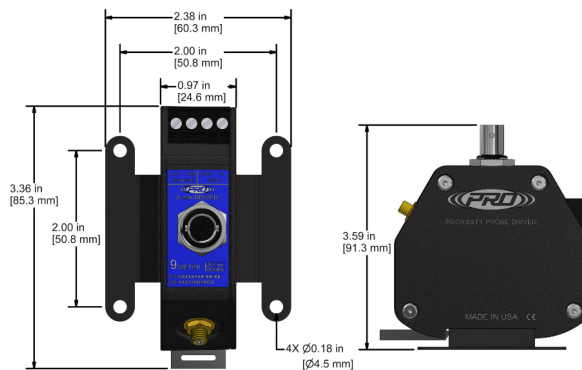


## Product Features

PRO Line Proximity Drivers pair with PRO Line Proximity Probes to offer configurable machinery protection with high quality components and industry best lead time

API Standard 670 specified format

- ▶ Isolated voltage output standard at BNC and terminal block Vout and Com
- ▶ Upgraded to include SecureLock connector



## Specifications

Temperature Range	-49°F (-45°C) to 189°F (85°C)
Enclosure	Aluminum
Probe Connector	SecureLock
Power & Output Connector	4 Position Terminal Block & BNC
Input Voltage	-17.5 to -30 VDC
Linear Range	10-90 mils (0.25 - 2.30 mm)
Nominal Voltage Output	-200 mV/mil (-7.87 V/mm)

Built to Order

## Optional Regulatory Approvals

### US & Canada (CSA):

Class I Division 1 Groups A, B, C, D  
 Class II Division 1 Group 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 16ATEX2084X  
 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



CSA, ATEX, IECEx Approvals Require Intrinsically Safe Barrier Driver must be mounted in a NEMA 4x and/or IP6x enclosure  
**FOR REFERENCE ONLY, PLEASE REFER TO CONTROL DRAWING**

Lifetime Warranty on Materials & Workmanship

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