

DR100799 Series

11 mm, PRO RPM Proximity Probe Driver with Scaled 4-20 Output of RPM



PROTECTION & RELIABILITY INSTRUMENTS

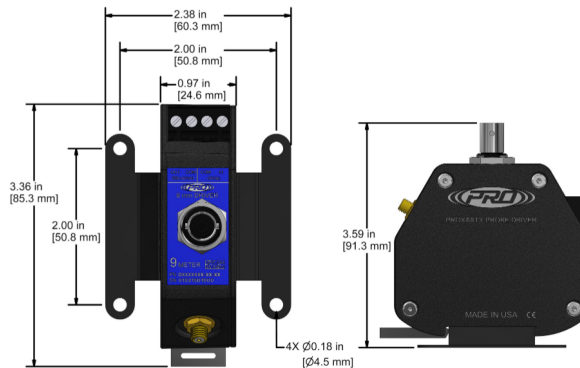


Product Features

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

4-20mA current loop provides power to the driver, and a current output proportional to RPM Scale

- ▶ Isolated voltage output standard at terminal block (Vout and Com)
- ▶ Isolated voltage output at the BNC
- ▶ Complete hardware system is compatible with all standard condition monitoring software



Specifications

| | |
|--------------------------------|---------------------------------|
| Temperature Range | -49°F (-45°C) to 189°F (85°C) |
| Enclosure | Anodized Aluminum |
| Probe Connector | SecureLock |
| Power & Output Connector | 4 Position Terminal Block & BNC |
| Input Voltage | -17.5 to -30 VDC |
| Linear Range | 20-180 mils (0.5 - 4.5 mm) |
| Nominal Voltage Output | -100 mV/mil (-3.94 V/mm) |
| 4-20 mA Output Proportional To | RPM Scale |

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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