

# Hazardous-Area Approved DP1001 with Armor



Armored Intrinsically Safe 8 mm PRO Proximity Probes



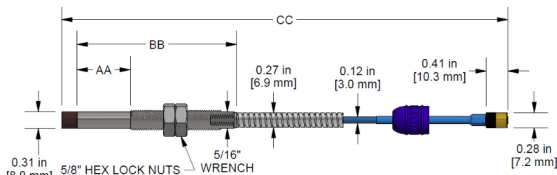
## Product Features

Continuous Monitoring in Hazardous Locations

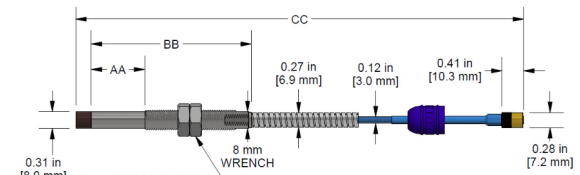
Measures shaft vibration and displacement on machinery with fluid film bearings

- ▶ 8 mm probe tip diameter with 3/8-24 or M10x1 threaded body
- ▶ Probe tip and body sealed to prevent leaking through cable
- ▶ Upgraded to include SecureLock connector

### DP100102 Standard Mount



### DP100104 Standard Mount



Lengths AA, BB, and CC are configurable

## Specifications

Temperature Range	-49 to 350 °F (-45 to 177 °C)
Sensitivity	-200 mV/mil (-7.87 V/mm) (1 mil = 0.001 in.)
Material	FEP Cable Jacket with 316L Stainless Steel Probe Body
Case Thread	3/8-24 or M10x1
Wrench Flats	5/16 in. or 8 mm (Standard Mount), 7/16 in. or 10 mm (Reverse Mount)
Rating	IP68
Connector	SecureLock
Connector Pull Strength	Up to 30 lbs.

Built to Order

## Regulatory Approvals

### US & Canada:

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 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



FOR REFERENCE ONLY, PLEASE REFER TO CONTROL DRAWING

Lifetime Warranty on Materials & Workmanship

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