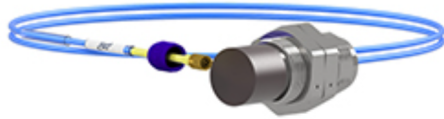


# Hazardous-Area Approved DP1008

Intrinsically Safe 25 mm PRO Proximity Probes



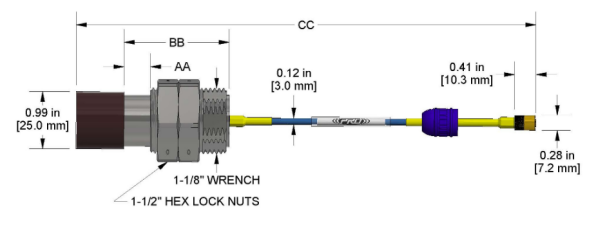
## Product Features

Continuous Monitoring in Hazardous Locations

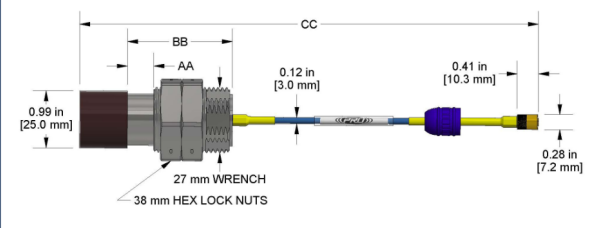
Measures Differential Expansion (DE) on machinery with fluid film bearings

- ▶ 25 mm probe tip diameter with 1 1/4-12 or M30x2 threaded body
- ▶ Probe tip and body sealed to prevent leaking through cable
- ▶ Upgraded to include SecureLock connector

DP10085101  
Standard Mount



DP10085102  
Standard Mount



Lengths AA, BB, and CC are configurable

## Specifications

Temperature Range	-49 to 350 °F (-45 to 177 °C)
Sensitivity	-20 mV/mil (-0.787 V/mm) (1 mil = 0.001 in.)
Material	FEP Cable Jacket with 316L Stainless Steel Probe Body
Case Thread	1 1/4-12 or M30x2
Wrench Flats	1 1/8 in. or 27 mm
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



Intertek  
5025350

FOR REFERENCE ONLY, PLEASE REFER TO CONTROL DRAWING

Lifetime Warranty on Materials & Workmanship

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