

Hazardous-Area Approved DP1009 with Armor



Armored Intrinsically Safe FFv™ Proximity Probe, 5 mm Probe Tip Diameter, with 1/4-28, 3/8-24, M8x1, or M10x1 Case Thread



Product Features

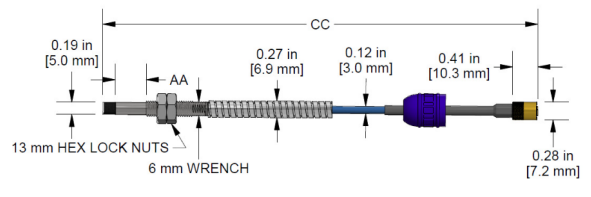
Measure shaft vibration and displacement on machinery with fluid film bearings

Durable PPS over-molded probe tips withstand harsh conditions when monitoring critical machinery such as turbines and compressors

- ▶ 5 mm probe tip diameter with 1/4-28, 3/8-24, M8x1 or M10x1 threaded body
- ▶ Probe tip and body sealed to prevent leaking through cable
- ▶ Complete hardware system is compatible with all standard condition monitoring software

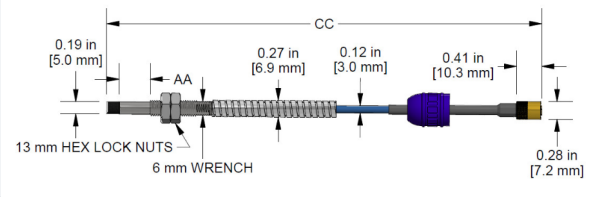
DP100902

Standard Mount



DP100904

Standard Mount



Lengths AA, BB, and CC are configurable

Specifications

Temperature Range	-49 to 340 °F (-45 to 171 °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	1/4-28 or M8x1 (Standard Mount), 3/8-24 or M10x1 (Reverse Mount)
Wrench Flats	7/32 in. or 7 mm (Standard Mount), 7/16 in. or 11 mm (Reverse Mount)
Rating	IP68
Connector	SecureLock
Connector Pull Strength	Up to 30 lbs.
Bending Radius	1.16 in. (2.95 cm)

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:

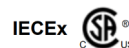
SIRA 16ATEX2084X
Ex ia IIC

International (IECEx):

IECEx CSA 16.0017X
Ex ia IIC

Temperature Codes:

T4 = -45°C to 100°C
T5 = -35°C to 85°C



RECOGNIZED COMPONENT
Intertek
5025350

FOR REFERENCE ONLY, PLEASE REFER TO CONTROL DRAWING

Lifetime Warranty on Materials & Workmanship

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