Bently Nevada 330703&330704&330705&330709&330 Series Service Manual

330705-02-18-50-02-05

1. Description

Manufacturer : Bently Nevada

3. Product Information

Manufacturer : Bently Nevada

Product No. : 330705-02-18-50-02-05

Product type : 3300 XL 11 mm Reverse Mount Probe

Made in U.S.A

330705-02-18- CC-DD-EE 3/8-24 UNF threads

Total Length Option : 50 5.0 meters (16.4 feet) Five meter probes are designed for use with the five meter Proximitor Sensor only.

Connector Option : 02 = Miniature ClickLocTM coaxial connector

Agency Approval Option : 05 Multiple Approvals

Probe Tip Material: Polyphenylene sulfide (PPS).

Probe Case Material: AISI 304 stainless steel (SST).

Probe Cable Specifications: 75 ? triaxial, fluoroethylene propylene (FEP) insulated probe cable in the following total probe lengths: 1, 5 or 9

Operating and Storage Temperature: -51°C to +177°C (-60°F to +351°F)

Probe Pressure: 3300 XL probes are designed to seal differential pressure between the probe tip and case. The probe sealing material consists of a Viton® O-ring. Probes are not pressure tested prior to shipment. Contact our custom design department if you require a test of the pressure seal for your application

Weight : 0.07 Kg

Probe dc Resistance

Probe

Length (m)

Resistance from the Center

Conductor to the Outer

Conductor (RPROBE) (ohms)

5.0 7.2 ± 0.8

Mechanical

Probe Tip

Material Polyphenylene sulfide (PPS).

Probe Case

Material AISI 304 stainless steel (SST).

Probe Cable

Specification

75 Ω triaxial, fluoroethylene

propylene (FEP) insulated

probe cable in the following

total probe lengths: 1, 5 or 9

meters

Connector-to-connector torque

Recommended

torque Finger tight

Maximum

torque 0.565 N•m (5 in•lb)

Minimum Bend

Radius (with or

without SST

armor)

25.4 mm (1.0 in)

Operating and

Storage

Temperature

-52°C to +177°C (-62°F to

+351°F)

Exposing the probe to temperatures

below -34°C (30°F) may cause

premature failure of the pressure

seal.