

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

330706-005-046-90-00-00

1. Description

Manufacturer : Bently Nevada

3. Product Information

Manufacturer : Bently Nevada
Product No. : 330706-005-046-90-00-00
Product type : 3300 XL 11 mm Reverse Mount Probe
Made in U.S.A
330706-005-046- CC-DD-EE□ M10 x 1 threads
Total Length Option : 90= 9.0 meters (29.5 feet)
Connector Option : 00 = Miniature ClickLoc™ coaxial connector
Agency Approval Option : 00 Not required
Probe Tip Material: Polyphenylene sulfide (PPS).
Probe Case Material: AISI 304 stainless steel (SST).
Probe Cable Specifications: 75 Ω 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) 1.0
Resistance from the Center
Conductor to the Outer
Conductor (RPROBE) (ohms)
5.9 ± 0.5
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.
Probe Case Torque:Reverse mount probes
Maximum Rated 22.6 N•m (200 in•lb)
Recommended 7.5 N•m (66 in•lb)

