

Bently Nevada 330901-08-21-10-02-00

Product No :330901-08-21-10-02-00

Product Type : 3300 NSv Proximity Probes

Made in U.S.A

330901 3300 NSv Probe, 1/4-28 UNF thread,
without armor

Unthreaded Length Option :08 = 0.8 in

Overall Case Length Option 21 = 2.1 in

Total Length Option :10 1.0 meter (39 in)

Connector and Cable-Type Option : 02 Miniature coaxial ClickLoc connector,
standard cable

Agency Approval Option : 00 Not required

Probe Case Material : AISI304 stainless steel (SST).

Probe Tip Material : Polyphenylene sulfide (PPS).

Probe Cable Specifications: 75 Ω coaxial, fluoroethylene propylene (FEP) insulated probe cable
in the following total probe lengths: 0.5, 1, 5, or 7 metres.

Probe dc Resistance

Probe Length

(m)

Resistance from the Center

Conductor to the Outer

Conductor (RPROBE)

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(ohms)

1.0 4.2 $\pm$ 0.5

Connector-to-connector Torque

Probe Case

Torque

Maximum

Rated Recommended

1/4-28 or

M8X1 probe

cases

7.3 N•m

(65 in•lb)

5.1 N•m

(45 in•lb)

Thread Engagement Limits

Probe

Case

Thread

Maximum Length of Thread

Engagement

1/4-28 0.375 in

Probe Temperature Range

Operating

Temperature

-52° C to +177° C (-62° F to

+351° F)

Storage

Temperature

-52° C to +177° C (-62° F to

+351° F)

Exposing the probe

to temperatures

below -34° C (-30° F)

for a sustained

period of time may

cause premature

failure of the

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pressure seal.

Probe

Pressure

3300 NSv 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.

Probe Approximately 14 to 150 g
(0.5 to 5.3 oz)



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