

Bently Nevada 330902-36-89-05-01-05

Product No : 330902-36-89-05-01-05

Product Type : 3300 NSv Proximity Probes

Made in U.S.A

330902 3300 NSv Probe, 1/4-28 UNF thread,
with armor

Unthreaded Length Option : 36 = 3.6 in

Overall Case Length Option : 89=8.9 in

Total Length Option : 05 = 0.5 meter (20 in)

Connector and Cable-Type Option : 01= Miniature coaxial ClickLoc connector with connector protector, standard cable

Agency Approval Option : 05= Multiple Approvals

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) 0.5

Resistance from the Center

Conductor to the Outer

Conductor (RPROBE)

(ohms)

4.0 $\pm$ 0.5

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

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

pressure seal.

Probe

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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)

Temperature Schedule

Temperature

Classification

Ambient Temperature

(Probe Only)

For EPL Ga and Gc

T1 -55° C to +232° C

T2 -55° C to +177° C

T3 -55° C to +120° C

T4 -55° C to +80° C

T5 -55° C to +40° C

For EPL Dc

T280° C @ Ta -55° C to +232° C

T225° C @ Ta -55° C to +177° C

T170° C @ Ta -55C to +120° C

T130° C @ Ta -55° C to +80° C

T105° C @ Ta -55° C to +100° C

T90° C @ Ta -55° C to +40° C

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