

Bently Nevada 330908-22-31-10-01-05 Manual

Brand	Bently Nevada
Product Series	330901&330902&330908&330909
Product Type	3300 NSv Proximity Probes

Description

Product No : 330908-22-31-10-01-05

Product Type : 3300 NSv Proximity Probes

Made in U.S.A

330908 3300 NSv Probe, 3/8-24 UNF thread,
without armor

Unthreaded Length Option : 22= 2.2in

Overall Case Length Option : 31=3.1in

Total Length Option : 10 1.0 meter (39 in)

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

Agency Approval Option :05Multiple 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)

Resistance from the Center
Conductor to the Outer
Conductor (RPROBE)
(ohms)
1.0 4.2 $\pm$ 0.5

Connector-to-connector Torque

Probe Case

Torque

Maximum

Rated Recommended

3/8-24 or

M10X1 probe

cases

33.9 N•m

(300 in•lb)

11.3 N•m

(100 in•lb)

Thread Engagement Limits

Probe

Case

Thread

Maximum Length of Thread

Engagement

3/8-24 0.563 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

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)

