

Bently Nevada 330909-00-60-10-01-00 Manual

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

Description

Product No :330909-00-60-10-01-00

Product Type : 3300 NSv Proximity Probes

Made in U.S.A

330909 3300 NSv Probe, 3/8-24 UNF thread,
with armor

Unthreaded Length Option : 00 = 0.0 in

Overall Case Length Option : 60= 6.0 in

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 : 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) 1.0

Resistance from the Center
Conductor to the Outer
Conductor (RPROBE)
(ohms)
 4.2 ± 0.5

Connector-to-connector Torque
Probe Case
Torque
Maximum
Rated Recommended
3/8-24 or
M10X1 probe
cases
 $33.9 \text{ N}\cdot\text{m}$
(300 in•lb)
 $11.3 \text{ N}\cdot\text{m}$
(100 in•lb)

3/8-24 or
M10X1 probe
cases – first
three
threads
 $22.6 \text{ N}\cdot\text{m}$
(200 in•lb)
 $7.5 \text{ N}\cdot\text{m}$
(66 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 $+177^{\circ}\text{C}$ (-62°F to
 $+351^{\circ}\text{F}$)
Storage
Temperature
 -52°C to $+177^{\circ}\text{C}$ (-62°F to
 $+351^{\circ}\text{F}$)
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)

