Bently Nevada 330191&330195 Series Service Manual

330195-02-12-10-05

1. Description

Manufacturer : Bently Nevada

3. Product Information

Manufacturer : Bently Nevada

Product No. : 330195-02-12-10-05

Product Type : 3300 XL 8 mm Proximity Probes, Reverse Mount

Made in U.S.A

330195-02-12-CXX-DXX, 3/8-24 UNF threads

Total Length Option: 10 = 1.0 meter (3.3 feet)

Agency Approval Option :05 CSA, ATEX, IECEx approvals

Probe Pressure: 3300 XL 8 mm 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.

Nominal Probe DC Resistance

Resistance (RPROBE) from Center Conductor

to Outer Conductor

Probe

Length (m)

RPROBE(Ω)

1.0 7.59 ± 0.50

Probe Tip

Material Polyphenylene sulfide (PPS).

Probe Case

Material

AISI 303 or 304 stainless steel

(SST).

Probe

Case

Thread

Maximum Length of Thread

Engagement

3/8-24 0.563 in

Probe Relative Humidity

Less than a 3% change in Average Scale

Factor (ASF) when tested in 93% humidity in

accordance with IEC standard 68 2 3 for up to

56 days.

Probe Temperature Range

Operating and Storage Temperature

Standard

Probe

-52°C to +177°C (-62°F to

+350°F)

Extended

Temperature

Range Probe

-52°C to +218°C (-62°F to

+425°F) for the probe tip; -

51°C to +260°C (-60°F to

+500°F) for the probe cable

and connector.

Exposing the probe to temperatures

below –34˚C (-30˚F) may cause

premature failure of the pressure

seal.