

Bently Nevada 330106-05-30-20-02-05

Manufacturer : Bently Nevada

Product No. 330106-05-30-20-02-05

Product Type : 3300 XL 8 mm Reverse Mount Probes

Made in U.S.A

330106-05-30-CC-DD-EE M10 x 1 threads

Total length option : 20= 2.0 meters (6.6 feet)

Connector option :

02 = Miniature ClickLoc coaxial connector

Agency approval option 05 = CSA, ATEX, IECEx Approvals

Probe tip material : Polyphenylene sulfide (PPS).

Probe case material : AISI 303 or 304 stainless steel (SST).

Nominal Probe DC Resistance

Resistance (RPROBE) from Center Conductor
to Outer Conductor

Probe Length (m) 2.0

RPROBE(Ω) 7.88 $\pm$ 0.50

Mechanical

Probe Tip

Material Polyphenylene sulfide (PPS).

Probe Case

Material

AISI 303 or 304 stainless steel
(SST).

You can contact us through the following contact information

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

Probe Cable Specifications

Standard

cable

75 Ω triaxial, fluoroethylene propylene (FEP) insulated probe cable in the following total probe lengths: 0.5, 1, 1.5, 2, 3, 5, or 9 meters.

Extended

Temperature

Range cable

75 Ω triaxial, perfluoroalkoxy (PFA) insulated probe cable in the following total probe lengths: 0.5, 1, 1.5, 2, 5, or 9 meters.

Armor

(optional on both)

Flexible AISI 302 or 304 SST with FEP outer jacket.

Tensile

Strength

(Maximum Rated)

330 N (75 lbf) probe case to probe lead.

270 N (60 lbf) at probe lead to extension cable connectors.

Connector

Material

Gold-plated brass or goldplated beryllium copper.

Probe Case Thread M10x1

Maximum Length of Thread Engagement 15 mm

Probe 323 g/m (11.4 oz)

Probe Temperature Range

Operating and Storage Temperature

Standard



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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.

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.

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.

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