Bently Nevada 21000&24701 Series Service Manual

21000-34-10-20-030-04-02

1. Description

Product Number 21000-34-10-20-030-04-02

3. Product Information

Product Number 21000-34-10-20-030-04-02

Model: Proximity Probe Housing Assemblies

Manufacturer: Bently Nevada

Condition: New & Original in Factory Packing

Factory Warranty: 12 Months

Ordering Information

Model: 21000 - Proximity Probe Housing Assemblies

Suffix Codes:

Probe Option, with Connector: 34 =3300 XL 8 mm probe with connector protector, selectable hazardous area approvals

Probe Cable Length 10 = 1.0 m (39 in)

Standoff Adapter: 20=2.0 in

Probe Penetration:030=3.0 in

Fitting Option: 04 = One 3/4-14 NPT plug only

Although explosion-proof fittings are
available for all housings, only CA
versions of the housing are rated as
explosion-proof by CSA when ordered
with the E:00, E:01, E:02, or E:04 options.

Mounting Thread Option: -02 - 3/4-14 NPT (Must be ordered if Standoff Adapter Length Option is not -00)

Material

21000 Aluminum body with 304
stainless steel sleeve

Probe

Cable

Length 1.0 m

Maximum (C) +
(D) with visible probe
(P/N and S/N): 17.0 in (43.18
cm)

Maximum (C) +
(D) Dimension

32.9 in (83.5 cm)

1.1 kg (2.4 lb) typical,
without fittings

The 21000 and 24701 Proximity Probe Housing Assemblies
consist of the following parts:

l A dome cover that screws into the body of the housing

l Threaded ports for conduit connections

l A probe sleeve of optional length

l 0-rings

l A reverse mount proximity probe

l A thread seal

l Optional conduit fittings

l An optional standoff adapter

The 21000 and 24701 Proximity Probe Housing Assemblies are
available with Canadian Standards Association (CSA)
approvals. They are rated explosion proof for hazardous
areas.

You can order hazardous area approved proximity probes
with 21000 aluminum and 24701 stainless steel housings for
intrinsically safe applications. Both housings
are certified as CSA Type 4 enclosures and are
fully compliant with the American Petroleum
Institute's (API) 670 Standard for externally
mounted proximity probe housings.

The 21000 Proximity Probe Housing
Assemblies consist of the following parts:

l A dome cover that screws into the body of the housing

l Threaded ports for conduit connections

l A probe sleeve of optional length

l O-rings

l A reverse mount proximity probe

l A thread seal

l Optional conduit fittings

l An optional standoff adapter

Temperature Range

3300 XL 8mm Probe

Operating and

storage

-51°C to +177°C (-60°F to

+351°F)

3300 XL 11mm Probe

Operating and

storage

-51°C to +177°C (-60°F to

+351°F)

3300 NSv Probe

Operating -34°C to +177°C (-30°F to

+351°F)

Storage -51°C to +177°C (-60°F to

+351°F)