Bently Nevada 21000&24701 Series Service Manual

21000-34-10-20-039-03-02

1. Description

Product Number 21000-34-10-20-039-03-02

3. Product Information

Product Number 21000-34-10-20-039-03-02

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:039=3.9 in

Fitting Option: 03=

One 3/4-14 NPT plug

One 3/4-14 to 1/2-14 NPT reducer

One cable seal grip with grommets for

the following cable sizes:

• 1/8 to 3/16 inches

• 1/4 to 5/16 inches

• 5/16 to 3/8 inches

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)