Bently Nevada 21000&24701 Series Service Manual

21000-28-05-15-050-03-02

1. Description

Product Number: 21000-28-05-15-050-03-02

3. Product Information

Product Number: 21000-28-05-15-050-03-02

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: 28 3300 XL 8 mm probe, selectable

hazardous area approvals

Probe Cable Length 05 0.5 m (20 in)

Standoff Adapter: 15 Minimum length 1.5 in (38 mm)

Probe Penetration: 050= 5 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

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

Maximum (C) +

(D)

with visible probe

(P/N and S/N)

Maximum (C) +

(D) Dimension

12 in Not visible 5.0 in (12.7 mm)

18 in 4.0 in (10.1 cm) 10.5 in (26.6 mm)

24 in 9.7 in (24.6 cm) 16.1 in (40.9 mm)

30 in 15.4 in (39.1 mm) 21.7 in (51.1 mm)

36 in 21.1 in (53.6 mm) 27.3 in (69.3

mm)

0.5 m Not visible 13.5 in (34.3 mm)

1.0 m 17.0 in (43.18 mm) 29.2 in (74.2

mm)

24

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.