Bently Nevada 21000&24701 Series Service Manual

21000-00-00-00-042-03-02

1. Description

Product Number 21000-00-00-00-042-03-02

3. Product Information

Product Number 21000-00-00-00-042-03-02

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: 00 =Probe not required

Probe Cable Length□00 Probe cable not required

Standoff Adapter□No standoff adapter = 00

Probe Penetration: 042=4.2 in

Fitting Option:00 = Without fittings

Mounting Thread Option: 03= Two plugs, one 3/4-14 NPT fitting

One 3/4-14 to 1/2-14 NPT SST 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 (Required if ordering

Standoff Adapter Option).

Material

21000 Aluminum body with 304

stainless steel sleeve

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.

Compliance and Certifications

RoHS

European Community Directive:

RoHS Directive 2011/65/EU

21000 and 24701

CA21000 and CA24701 housings are certified by

CSA for explosion-proof applications in the

following areas:

North

America

Class I Divisions 1 and 2 Groups C and D

Class II Divisions 1 and 2 Groups E, F, and G

Circuit is non-incendive when connected

per drawing 140979

Class III

Enclosure Type 4

T5 @ Ta = -50°C to +40°C

T4 @ Ta = -50°C to +80°C

CA housings can only be ordered for North

American End Users. For all other end user

countries, housings 21000 and 24701 must be

ordered.