# Bently Nevada 21022 Series Service Manual

21022-30-10-017-03

## 1. Description

Manufacturer : Bently Nevada

## 3. Product Information

Manufacturer : Bently Nevada

Product No. :21022-30-10-017-03

Product Type : Dual Axial Probe Housing Assembly

Made in U.S.A

Probe Option, with Connector: 30 = 3300 XL 11 mm probe, Multiple approvals

Probe Cable Length Option 10 = 1.0 metre (39 in)

3300 XL 11 mm Probe not available with 0.5 meter Probe Cable Length.

Probe Penetration Option 017= 1.7 in

Fittings Option 03= Two cable seal grips with grommets for cable sizes 1/8-in to 3/16-in, 1/4-in to 5/16-in, 5/16-in to 3/8-in; two 3/4-14 to 1/2-14 NPT reducers

Fittings option are supplied as a kit and are not installed when the housing is shipped.

The 21022 Dual Axial Probe Housing Assembly consists of two proximity probes installed in an externally mounted protective enclosure. It is intended for mounting on the end of a machine nearest the thrust bearing to allow both probes to observe the end of the shaft for axial thrust position movement. The enclosure mounts on the machine case using four standard machine screws. The probes are mounted in sleeve/adapter assemblies, which are installed directly onto the machine case through two 3/4-in NPT threaded holes.

The dual axial position housing meets the American Petroleum Institute’s (API) 670 Standard for axial thrust position transducer housings. The external mounting allows probe adjustments from outside the machine, while protecting the proximity probes, probe leads, and extension cables from dust, splashing liquid, or other environmental factors. A removable cover on the enclosure provides access for setting the probe gaps.

21022

Aluminum alloy housing (sand cast, 0.3% copper free) with sleeves fabricated from 304 stainless steel

3.6 kg (8 lb)