

Bently Nevada 21504-00-24-05-02

Part Number:21504-00-24-05-02

Model: Probe Proximity Vibration

Manufacturer: Bently Nevada

Condition: New & Original in Factory Packing

Factory Warranty: 12 Months

Ordering Information

Model 21504 7200 Proximity Transducer Systems

Unthreaded Length Option 00 00mm

Overall Case Length Option 24 2.4 in

Total Length Option 05 0.5 metre (20 inches).Tolerance: +.13 metre,-.05 metre(+ 5 inches, -2 inches).

Connector Option 02 With miniature male coaxial connector

TIP CONSTRUCTION

PART NO 21504-

DIAMETER 8 mm

CASE

CONFIGURATIONTYPE Standard

THREADS 3/8-24

LEAD ARMOR No

INPUT

Power: -17.5 Vdc to -26 Vdc at 12 mAmaximum consumption.

OUTPUT

Calibrated Range: 80 mils (2.0 mm).Begins at approximately 10 mils(0.25 mm) from probe face.

Scale Factor: 200 mV/mil (7.87 V/mm), $\pm 4\%$ (measured in increments of10 mils over the calibrated range) ifcalibrated as a system, Within $\pm 9.5\%$ including interchangeability errors.Lineariry: Within 0,8 mils (0.02 mm) of a200 mV/mil straight line if calibrated asa system.

Within 2.3 mils (0.06 mm) ofa 200 mV/mil straight line includinginterchangeability errors.Frequency Response: 0 to 10 kHz(0 to 600,000 cpm); -5% at 10 kHz(600,000 cpm).

Temperature Sensitivity: Typically-396change in scale factor at + 150° F(+ 65° C) at 50 mils gap (1.27 mm).

ENVIRONMENTAL LIMITS

Operating Temperature:

Proximitor:-60° F to +212° F(-51° Cto +1009C).

Probe and Extension Cable: -30° F to0+350° F(-34° Cto +177° C)Relative Humidity: To 95%,noncondensing.

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Corrosion Resistance (for 8 mm probe only): Probe operation is not affected by direct contact to the following: air, water, lube oil, ammonium hydroxide, sulfuric acid (10%), MEK (methyl-ethyl ketone) or DMF (Dimethylformamide).

System Weight: 1.3 lbs. (0.59 kg)



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