

Bently Nevada 991-25-70-01-01

Manufacturer : Bently Nevada

Product No. : 991-25-70-01-01

Product type : Probe Vibration Transmitter

Made in U.S.A

Ordering Information

Model: 991 - Thrust Transmitter

Full-scale Option: -25 =25-0-25 mils

System Length Option: -70 =7.0 meters (23.0 feet)

Mounting Option: 01 =35 mm DIN-rail clips

Agency Approval Option: -01 =CSA Division 2

Mount : DIN rail

Output signal : 4-20 mA

Use : Axial

Power : Requires +12 to +35 Vdc input at the transmitter terminal

Linear Range : 0.25 to 1.65 mm for Prox Out. Suitable for 0.6-0-0.6 mm or 25-0-25 mils current loop linear ranges

Environmental Limits

Transmitter Temperature

Operating

Temperature

-35° C to +85° C

(-31° F to +185° F)

Storage

Temperature

-51° C to +100° C

(-60° F to +212° F).

You can contact us through the following contact information

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

Transmitter

Weight 0.43 kg (0.9 lbm).

Input

Accepts 1 non-contacting 3300 NSv Proximity Probe and extension cable.

Power

Requires +12 to +35 Vdc input at the transmitter terminal.

4 to 20 mA Signal

Output

4 to 20 mAdc over specified full-scale range in 2-wire configuration.

4 to 20 mA Loop

Accuracy

Within $\pm 1.5\%$ over specified full scale range (typical). Accuracy is rated from the TEST signal input to the voltage measured across a 250 loop resistance.

Maximum Loop

Resistance

1,000 including cable at 35 Vdc.

Current Limiting

23 mA typical.

Zero and Span

Non-interacting external adjustments.

Not OK/Signal

Defeat

Signal output will go to less than 3.6 mA within 100 μ s after a Not OK condition occurs. Signal output is restored within 0.1 seconds after the Not OK condition is removed.

Mechanical

Transducer Tip

Material

Polyphenylene sulfide (PPS).

Transducer Case

Material

You can contact us through the following contact information

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

AISI 303 or 304 Stainless Steel (SST).

Probe Cable

75Ω coaxial, fluoroethylene
propylene (FEP) insulated.

Cable Armor

(optional)

Flexible AISI 302 SST with optional
FEP outer jacket.

Tensile Strength

222 N (50 lbf) probe case to probe
lead, maximum.

Transmitter Weight

0.43 kg (0.9 lbm)



You can contact us through the following contact information

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