

Bently Nevada 990-04-70-02-05

Manufacturer : Bently Nevada

Product No. : 990-04-70-02-05

Product Type : 990 Vibration Transmitter

Made in U.S.A

Full-scale Option : 04 0-4 mils pp (0-100 μ m pp)

System Length Option : 70 7.0 meters (23.0 feet)

Mounting Option : 02 Bulkhead screws

Agency Approval Option : 05

CSA Division 2, ATEX Zone 0, ATEX

Zone 2 and includes ABS

maritime approval



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

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

Maximum Loop Resistance : 1,000 Ω including cable at 35 Vdc.

Current Limiting : 23 mA typical.

Transmitter

weight 0.43 kg (0.9 lbm).

Input

You can contact us through the following contact information

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

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 fullscale range in 2-wire
configuration.

4 to 20 mA loop

accuracy

Within $\pm 1.5\%$ over specified fullscale range. Accuracy is rated
from the TEST signal input to the
voltage measured across a 250 Ω
loop resistance. The $\pm 1.5\%$ error is
in addition to the Prox Out
Incremental Scale Factor.

Probe gap

Probe must be gapped between
0.5 and 1.75 mm (20 and 55 mils)
from target to ensure full scale
range.

Maximum loop
resistance 1,000 Ω 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 2-3
seconds after the Not OK
condition is removed.

Frequency
response

5 Hz to 6,000 Hz +0, 3 dB.

Minimum

target size 9.5 mm (0.375 in) diameter.

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Leadwire
length
Maximum for Proximity Sensor
Output (BNC connector),
maximum cable distance is 3
meters (10 feet).
NonHazardous,
Zone 2 or Div 2
Hazardous
area locations
Power Supply: 28 V



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