990 AND 991 TRANSMITTER

Product Data Sheet

991-06-70-03-05

991 Thrust Transmitter

FULL-SCALE THRUST SPAN	CALIBRATED SYSTEM LENGTH	MOUNTING HARDWARE	APPROVALS OPTION
-0.6 to +0.6 mm	**7.0 m**	**DIN clips and bulkhead screws**	**CSA Division 2, ATEX Zone 0 and Zone 2, ABS**

Bently Nevada 991-06-70-03-05 converts axial position from a 3300 NSv proximity probe and extension cable into a two-wire 4 to 20 mA signal. The separate Prox Out connection provides access to the dynamic transducer signal.

01 TECHNICAL DATA

Full-scale thrust span	-0.6 to +0.6 mm
Calibrated system length	7.0 m
Mounting hardware	DIN clips and bulkhead screws
Approvals option	CSA Division 2, ATEX Zone 0 and Zone 2, ABS
Supply voltage	12 to 35 V DC
Output current	4 to 20 mA DC
Typical current limit	23 mA
Maximum loop load at 35 V	1000 ohms
Typical loop accuracy	Within +/-1.5% of full scale
Prox Out impedance	10 kilohms

02 ADDITIONAL PRODUCT DATA

This variant covers a metric thrust span of 0.6 mm on either side of zero and is calibrated for a 7 m sensing chain. It includes both DIN clips and bulkhead screws. The transmitter runs from 12 to 35 V DC at its terminals.

03 PRODUCT FUNCTION

This variant covers a metric thrust span of 0.6 mm on either side of zero and is calibrated for a 7 m sensing chain. It includes both DIN clips and bulkhead screws. The transmitter runs from 12 to 35 V DC at its terminals.

04 SYSTEM COMPATIBILITY

Compare the documented connections and mounting provisions with the existing measurement channel. This variant covers a metric thrust span of 0.6 mm on either side of zero and is calibrated for a 7 m sensing chain.

05 REFERENCE

Bently Nevada 991 Thrust Transmitter Datasheet 141618 Rev. R

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