

990 AND 991 TRANSMITTERS

Product Data Sheet

990-05-70-01-05

990 vibration transmitter

FUNCTION 990 vibration transmitter	FAMILY 990 and 991 transmitters	ORIGIN USA	WEIGHT 0.43 kg
--	---	----------------------	--------------------------

990 and 991 Transmitter 990-05-70-01-05 is a 990 vibration transmitter for the 990 and 991 transmitters. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Full-Scale Range	0 to 5 mils pp / 0 to 125 μ m pp
System Length	7.0 m
Mounting Option	35 mm DIN rail clips
Agency Approval	CSA Division 2, ATEX Zones 0 and 2, ABS
Probe Interface	One 3300 NSv proximity probe
Supply Voltage	12 to 35 V DC
Loop Output	4 to 20 mA DC, two-wire
Loop Accuracy	$\pm 1.5\%$ full scale
Required Probe Gap	0.5 to 1.75 mm
Maximum Loop Resistance	1000 Ω at 35 V DC

ADDITIONAL PRODUCT DATA

Current Limit	23 mA typical
Prox Output Impedance	10 k Ω
Prox Linear Range	1.4 mm
Incremental Scale Factor	7.87 mV/ μ m $\pm$ 6.5% typical
Frequency Response	5 Hz to 6 kHz, +0/-3 dB

OFFICIAL APPLICATIONS

- Centrifugal compressor control panels: Compressor Vibration Systems
- Pump station machinery panels: Pump Protection Systems
- Fan and motor control cabinets: Utility Vibration Systems

SYSTEM COMPATIBILITY

Match 990-05-70-01-05 to the installed 990 and 991 transmitters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada official manufacturer documentation](#)

<https://dam.bakerhughes.com/m/4eb37b828c4e54fe/original/990-Vibration-Transmitter-Datasheet-141612-pdf.pdf>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM