

Miniature 4~20mA Vibration Transmitter

- Designed and manufactured in South Africa.
- Easy to use – no programming required.
- Velocity Units – mm/S RMS.
- Stainless Steel Housing.
- Single Stud Mounting
- 2-wire Loop Powered.
- Analogue – No programming required.
- Extremely small and light.

An economical 4~20mA loop powered vibration transmitter designed and manufactured in South Africa.

The extended low voltage operating range allows for use with 12V DC as well as the usual 24V DC sources.

The design is totally analogue, no programming required. The green LED indicates that the device is active. The brightness of the LED increases with increasing vibration which gives a simple indication that the circuit is functioning correctly.

The device has a rugged design and the electronics are encapsulated for added protection. It operates over a wide temperature range. An isolated screened sensor offers excellent immunity to RFI.

Contact:

D E M Instruments (Pty) Ltd
Tel: 011 792 5868
Cell : 083 722 6204
sales@deminstruments.co.za
www.deminstruments.co.za



BASIC SPECIFICATIONS	
Housing	19mm dia. X 37mm high 310 stainless steel.
Mounting Stud	M8 x 1.25 Others to order
Terminals	Hirschmann Type C
Supply Voltage	9 ~36V DC
Output	4~20mA
Ranges	0~10mm/S RMS 0~20mm/S RMS Others to order
Accuracy ¹	>±3% of span
Frequency Range ¹	2~1500Hz
Power up delay	Approx. 5S
Response Time Constant	Approx. 2S
Indication	Green LED. Intensity changes with 4~20mA output.
Operating Temperature	-20 to 75°C
Operating Humidity	0-95% non-condensing
NOTES: 1: Accuracy quoted between 10Hz & 1000Hz	