

CEMB IRAN

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Transducer VELOMITOR model TV22/LF



FUNCTION

The model TV22/LF seismic transducer measure the absolute vibration of the machine by the securely mounted to a flat surface.

TECNICAL SPECIFICATIONS

Sensor type : PZT piezoelectrical velocimeter Measure type : seismic (absolute vibrations)

Dynamic range : ±1270 mm/s-pk ± 50 in/sec-pk Frequency response : ±3 db 1,2÷12000 Hz 72÷720.000 CPM

Vibrations direction : any

Sensitivity (± 10%) : 3,94 mV/mm/s 100 mV/in/sec Resonant frequency : 25000 Hz 1.500.000 CPM

Max. shock protection : 5000 g pk

Setting time : > 4 " > 4 sec

Power supply : 2÷10 mA - 18÷30 Vdc

Max. output impedance : < 100 ohm
Electrical case isolation : >10 (8) Ohm
Electromagnetic sensitivity : certified CE

Temperature range : $-50 \,^{\circ}\text{C} \div +121 \,^{\circ}\text{C}$ $-58 \,^{\circ}\text{F} \div +250 \,^{\circ}\text{F}$

Case material : 316L stainless steel

Mounting hole : standard = 1/4"-28UNF-2B (or to be specify with the order)

Weigth : 90 grm 3.2 oz External protection : IP65 EN60529/10.91 standards

Connection : 2 pin MIL-C-5015 serial 3106/10, included connector

MOUNTING

Prepare a smooth, flat mounting surface and then drill and tap a mounting hole in the center of this area. Wipe clean the mounting surface and spread on a light film of grease, oil or similarcoupling fluid prior to installation.

MAINTENANCE

Nothing

DIMENSION, MOUNTING, CONNECTION

Dis. 73920-P

