

SHOCK-VIBRATION SENSOR

Description

Gestecno's shock-vibration sensors are accelerometers that provide an electrical output signal (4-20 mA) proportional to the vector sum of the accelerations on the X, Y and Z axes.

It starts operating at very low frequencies and allows not to detect the acceleration of gravity, that way the measurement is independent from the inclination of the sensor compared to the earth's axis. Thanks to an internal microcontroller the highest peak of the instantaneous value is maintained for a certain period of time (from 1 sec to 1 hour) thus making it possible to read the analogue value even with the normal control units used in geotechnical-structural monitoring.



Technical features

FS	+/- 6g
Tension	8-40 Vcc
Output Signal	4-20 mA
Peak value maintenance	da 1 sec a 1 ora
Frequency	2-300 Hz
Maximum Shock	2000 g
Opersting temperature	-20...+80 °C
Material	stainless steel
Class of protection	IP68

Please specify

CODE	PRODUCT DESCRIPTION
VIB-100	Shock-vibration sensor

For further informatoion:

Gestecno s.r.l.

Loc. Lanciano, 22 - 62022 Castelraimondo (MC) - Italy
Tel/fax: (+39) 0737.642174 - P. IVA 01137480438
e-mail: info@gestecno.it - WEB: www.gestecno.it