

MICROSEISMIC geophone

Microseismic geophone is mainly divided into shallow well type microseismic geophone (VHL5) with aluminium alloy shell and explosion-proof microseismic geophone (MA1, MA3) with stainless steel shell.

The corresponding waterproof treatment of the metal shell makes it meet the requirements of shock resistance and waterproof. It can be used in harsh working environment and can be easily reused.

Main specifications and technical indicators:

Product specifications:

Shallow well type microseismic detector (VHL5)

Diameter: 72 mm

Length: 230mm

Cable diameter: 7.6 mm

Measuring depth: $\leq 50\text{m}$

Component: XYZ

Explosion-proof single-component detector (MA1)

Diameter: 29 mm

Height: 80 mm

Cable diameter: 7.6 mm

Measuring depth: $\leq 50\text{m}$

Explosion-proof 3-component detector (MA3)

Diameter: 50 mm

Height: 160 mm

Cable diameter: 7.6 mm

Measuring depth: 50m

Component: XYZ

Explosion-proof three-component geophone (MA3-1)

Diameter: 61mm

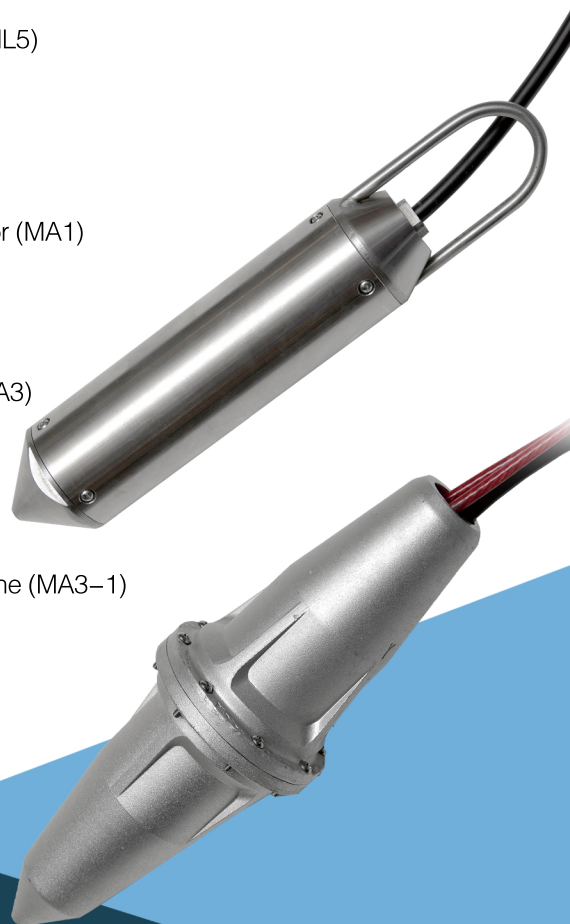
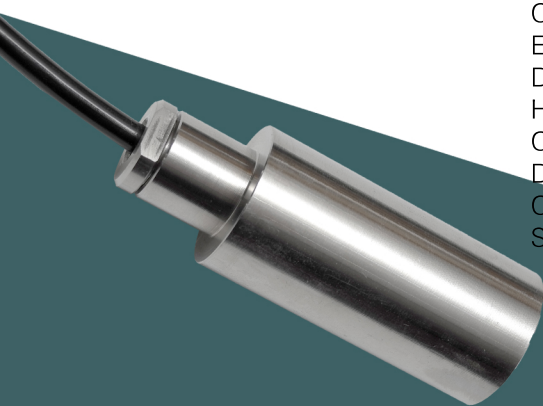
Height: 282mm

Cable diameter: 7.8mm

Depth of measurement: $\leq 100\text{m}$

Component: XYZ

Supporting geophone parameters:



Type	VAS-100/4.5	VAS-90/10
Frequency (Hz)	4.5 ± 0.5	$10 \pm 3\%$
Resistance (Ω)	$3600 \pm 5\%$	$3200 \pm 5\%$
Sensitivity (v/m/s)	$100 \pm 5\%$	$90 \pm 3\%$
Volume (mm)	$\Phi 25.4 \times 36$	$\Phi 25.4 \times 32$