

水理計測のパイオニア

**KENEK**

# Ultra-small detector Electromagnetic Current meter

Model VM-801H VMT2-200-04P VMT2-200-04PL

1. A current velocity is measurable by the ultra - small detector, with a turbulence of steam minimized.
2. The detector has the fastest possible response time of 0.05 seconds now available. It is most suitable, therefore, for a wave experiment.
3. The detector is zero-adjustable in manually or automatically.
4. Since there is no movable part in the detector, it is free from any secular change.
5. The detector, which has many measuring ranges, allows for measuring with high accuracy.



Model VM-801H



Model VMT2-200-04P

## [Accessories]

Main unit : Model VM-801H

Detector unit : Model VMT2-200-04P  
VMT2-200-04PL

Power source cable(3m)	1pc
Output cable(BNC-clip : 1.5m)	2pcs
Fuse(1A)	2pcs
Cloth cover	1pc
Instruction manual	1bk

Connecting cable(10m)	1pc
Fitting	1pc
Data sheet	1bk
Detector wooden case	1pc

## [Standard specifications]

Main unit : Model VM-801H

Measuring direction	X,Y 2 components, 4 directions
Measuring range	$\pm 25\text{cm/s}$ , $\pm 50\text{cm/s}$ , $\pm 100\text{cm/s}$ , $\pm 200\text{cm/s}$ (4 range changeover)
Measuring accuracy	$\pm 2\%$ of full scale
Response time	0.05s, 0.1s, 0.5s, 1s. (4 range changeover)
Noise	Current conversion $\pm 5\text{mm/s}$
Output voltage	$\pm 5\text{V}$ of full scale (Each range) Load $10\text{k}\Omega$ or more
CAL. output	0V, +5V
Output display	1.5 class analog meter. directly reading a current velocity
Zero adjustment	Manual : with multi-rotary trimmer Automatic : with external control. actuating signal : trailing edge
Temp. & humidity ranges	0~40°C, 20~80% RH (except for condensing)
Power source	100Vac~120Vac $\pm 10\%$ 50Hz or 60Hz about 21VA (Need to designate of power source)
Dimensions (mm)	About $320^{\text{W}} \times 100^{\text{H}} \times 300^{\text{D}}$ (excluding a protrusion)
Weight	About 3.5kg

Detector unit : Model VMT2-200-04P or VMT2-200-04PL

Detector configuration	Sensor : $\phi 4\text{mm} \times 18\text{mm}$ Overall length : about 430mm
Weight	About 110g
Working water quality	City water , industrial water and sea-water (An anti-corrosion measure is required if the detector is used for a long period.)
Waterproof connector withstanding pressure	$2\text{Kg/cm}^2$
Temp. ranges	0~40°C (Water surface must not frozen)
Connecting cable	Standard 10m (Max. 50m optionally available)

Specifications subject change without notice.

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