



one-dimensional Electromagnetic Current Meter

MainUnit VM-901HN(-USB) Detector VMT-200-04P(PL)
VMT-200-06P(PL)
VMT-200-08P(PL)

Don't block water current
Ideal for hydraulic experiments



VM-901HN



VMT-200-04P VMT-200-04PL

Ultra-small detector

Ultra-small detector minimizes water current turbulence.

Fast response time

The fastest response time is 0.05 seconds, so it is ideal for wave experiments.

Measurement range

2 measurement ranges can be selected.

Auto zero function

In addition to zero adjustment by volume, it has a one-touch auto zero function.

Low noise & high accuracy

Noise is ± 5 mm/s
Measurement accuracy within $\pm 2\%$ /F.S.
High resolution with 5V/F.S.

No moving parts

The detector has no moving parts.
Stable measurement is possible for a long time

[Specifications]

Main unit :	VM-901HN
Channel	1channel
Measurement direction	1-axes /2-directions
Measurement range	±100cm/s、±200cm/s (2 range switching)
Precision	±2%/F.S.
Response time	0.05s、0.5s (2 range switching)
Noise	±5mm/s
Voltage output	±5V/F.S.
CAL output	0V、5V
Output display	1.5-class analog meter
Zero adjustment	Manual : Adjustment by multi-turn trimmer Auto : Adjustment with one-touch switch (With external control, Operating signal: falling edge)
Operating conditions	0 - 40°C, 20 - 80 % RH (without condensation)
Power source	AC220V±10% 21VA (50 or 60Hz)
External dimensions	316W x 100H x 300D mm (protruding parts not included)
Weight	Approx.3.5kg

Detector : VMT-200-04P(PL)、VMT-200-06P(PL)、VMT-200-08P(PL)

Water quality	Tap water, industrial water, rain water, river water, or lake water
Pressure resistance	196kPa (2 atmospheric pressure)
Operating temperature	0 - 40°C (without freezing)
External dimensions	See the external view
Weight	Approx.160g
Connection cable	10m (Standard) (Option : Max.50m)

[Standard accessories]

Main unit

Power cable	3m	1
Output cable (BNC~BNC)	1.5m	1
Fuse (1A)		2
Driver for adjustment		1
Ground wire	10m	1
Instruction manual		1

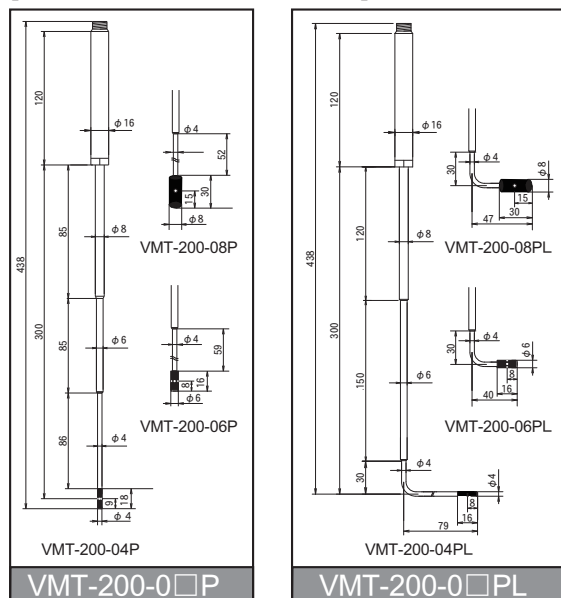
Detector

Connection cable	10m	1
Mounting bracket		1
Certificate of inspection		1
Wooden box		1

Option

Didital output (USB) (VM-901HN-USB)	
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[External view of detector]



* The contents of this catalog are subject to change without notice.

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