

HM-900 • HM-920



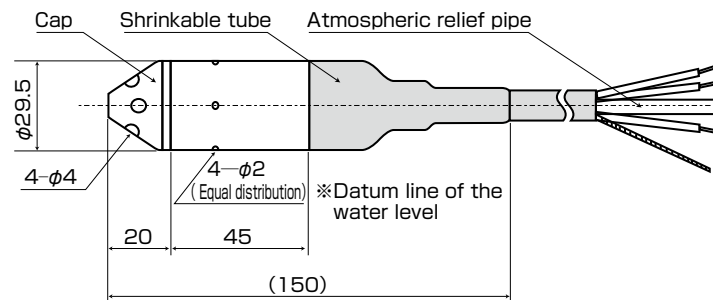
Features 1.Immersion-type 2.Low-cost

- Low-cost immersion-type water level sensor
- Ideal for water level measurement for underground tanks, plant tanks, etc.
- Water level lineup of 2 m, 5 m, and 10 m
- Water level measurement to an accuracy of millimeters possible
- Output signal of 1 to 5 VDC or 4 to 20 mADC from a built-in amplifier circuit

Specifications

Model	HM-900			HM-920		
	-02	-05	-10	-02	-05	-10
Rated pressure	2mH ₂ O	5mH ₂ O	10mH ₂ O	2mH ₂ O	5mH ₂ O	10mH ₂ O
Overpressure	200% of the rated pressure			150% of the rated pressure		
Power supply	12 to 28VDC					
Output	1 to 5VDC			4 to 20mADC		
Current consumption	6mA or less			—		
Load resistance	1k Ω or more			600 Ω or less (at power of 24 VDC)		
Accuracy (linearity)	± 0.3% F.S. or less (± 0.2% F.S. or less)					
Temperature characteristics at zero degrees	± 0.015% F.S./°C or less (– 2 to 30°C)					
Compensated temperature range	– 2 to 30°C					
Operating temperature range	– 10 to 50°C (no freezing allowed)					
Material	Diaphragm : SUS316L Main unit : SUS316 O-ring : Fluororubber Cap : Plastic Shrinkable tube: Polyolefin					
Sealing liquid	Silicone oil					
Cable	φ 7 vinyl : 10m (standard) Shield + atmospheric relief pipe					
Tensile strength	100N (Between the main unit and cable)					
Insulation resistance	100M Ω or more / 500VDC					
Withstand voltage	500VAC, 1 minute					
Weight	Main unit : approx 220g Cable : approx 65g per meter					

Dimensions (Units : mm)



Cables / wires

	HM-900	HM-920
Red	Power supply +	Power supply +
White	Output	Power supply –
Black	Common	—
Atmospheric relief pipe	Yes	Yes

Model

HM - **920** - **02** - **30**

Type

Output mode

900 : Voltage output

910 : Voltage output

1-2V/6-12V

920 : Current output

930 : Voltage output

1-3V/6-12V

Measurement

range

02 : 2m

05 : 5m

10 : 10m

Cable length

10 : 10m (standard)

20 : 20m

30 : 30m