



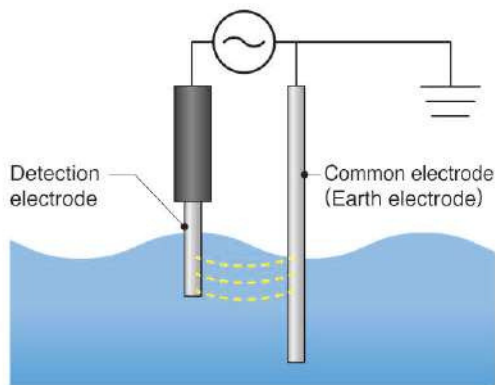
Point Level Switch for Liquid **Electrode Type Level Switch**

MRE Series

Features

- applicable for various liquids by changing the electrode material.
- Contact output at max. 6 points by one unit.
- The detection position can be freely changed by cutting the electrode part.
- It has no moving parts and can be used for a long time.

Measurement principle



Used in combination with Relay unit.
As Relay unit supplies a weak AC current, no current will flow to the electrode if the surface of the conductive liquid is not in contact with the electrode rod.
When the electrode rod touches the liquid surface, the current will flow.

Applications

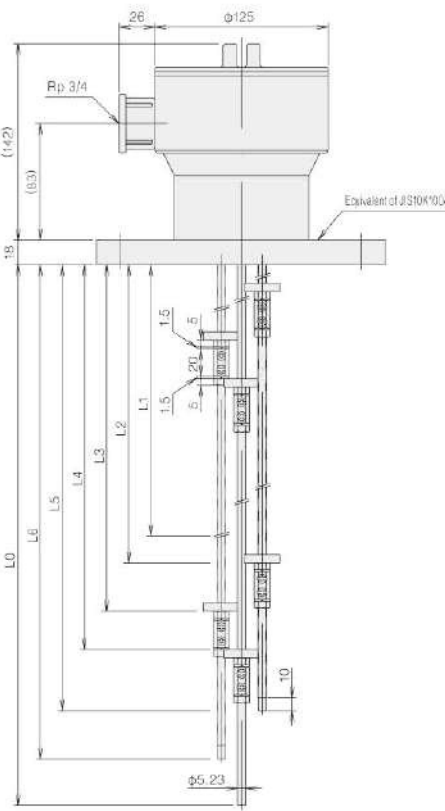
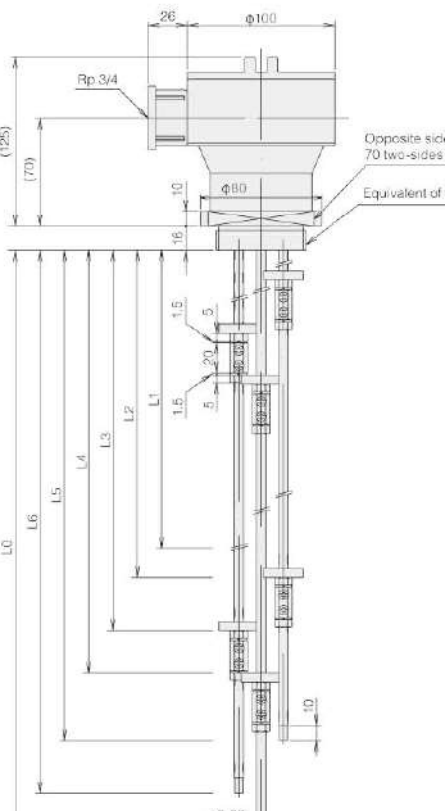


Water tank, Elevated water tank



Water purification plant

Specification / Dimension

Model	MRE-G4-FA-□	MRE-G4-SC-□
Dimension		
Detection principle	Electrode type	
Wetted parts material	SUS304 / SUS316 / Titanium / Hastelloy C	
Terminal box	PVC (equivalent to IP 65)	
Electrode coating	Polyolefin (common is not coated)	
Maximum number of contacts	7 electrodes (6 control points)	
Working pressure	200kPa	
Mounting	JIS10K100A FF equivalent (PVC)	G2 equivalent (PVC)
Lead outlet	Rp3/4	
Reference electrode length	L0=290, L1=80, L2 =115, L3=150, L4 = 185, L5=220, L6 =255mm	
Operating temperature	-20 ~ +50°C (no freezing)	

★ Please use Omron 61F series or equivalent relay unit.

Inquiries including catalog requests and quotations

Matsushima Measure Tech Co., Ltd.

Head Sales office / Factory
1-8-18, Norimatsu-Higashi, Yahatanishi-ku,
Kitakyushu 807-0837, Japan
TEL:+81-(0)93-691-3731 FAX:+81-(0)93-691-3735

Seoul Branch Office (Korea)

220,2F Hyundai Knowledge Industry Center, 70, Dusan-ro,
Geumcheon-gu, Seoul, Republic of Korea 08584
TEL:+82-(0)2-852-3731 FAX:+82-(0)2-852-3734

SHANGHAI DAHONG MATSUSHIMA MACHINERY CO., LTD.

上海市嘉定区馬陸鎮大宏村橫倉路70号
220,2F Hyundai Knowledge Industry Center, 70, Dusan-ro,
70 Hengcang Road, Dahongcun, Maluzhen, Jiadingqu,
Shanghai 201801, China
TEL:+86-(0)21-5951-4138 FAX:+86-(0)21-5951-4139

<https://www.matsushima-m-tech.com>
E-mail: info@matsushima-m-tech.com