



Water-use components

Safety Precautions

Be sure to read this section before use.
Refer to Intro 17 for General Precautions.

MEMO

Design / Selection

1. Working environment/working fluids

⚠ CAUTION

- Do not exceed the specified range.
- This product is for fluids that do not corrode water/wetted part materials with conductivity 5 μs/cm or more. Fluids with low conductivity cannot be detected normally.
- Do not use with a positive ground.
- Do not use for applications in direct contact with beverages, foodstuffs, chemical liquids, etc.
- Do not use in flammable gas atmospheres.
- Observe the working fluid temperature and use. If using at low temperatures, take freeze prevention measures such as adding antifreeze.
- If a fluid with temperature lower than the ambient temperature flows, condensation may form inside the product, which may adversely affect performance. Use the product so that there is no condensation.
- Observe the working pressure range and use.
- Observe the rated flow range and use.
- This product cannot be used as a billing meter. Do not use this product for commercial transactions as it is not compliant with the Measurement Act. It cannot be calibrated, so use it as an industrial sensor.

2. Piping

⚠ WARNING

- Perform piping so that the flow path of the product is always full of water. If it is not full of water, a flow rate may be displayed even if the flow is halted.
- Only use the zero adjustment operation after confirming that the product's flow path is full and the flow is halted.

⚠ CAUTION

- Provide flow rate adjusting valve, etc. on the downstream side of the sensor.
- Do not wire together with the power wire/power cables.
- Keep this product away from high voltage components and power components such as motors for use.
- Do not bring this product near strong magnets or magnetic fields.
- Do not use the display and outputs for 10 seconds after power-on for a warm-up period.
- Although any mounting position is possible, in order to reduce the influence of air bubbles, it is recommended that the display surface be level with the ground in the case of horizontal piping.

For precautions during mounting, installation, adjustment, use and maintenance, refer to the CKD Components Product Site (<https://www.ckd.co.jp/kiki/en/>) → "Model No.→ Instruction Manual