

Flow rate sensor with Flo-Thru structure

No clogging of foreign matter

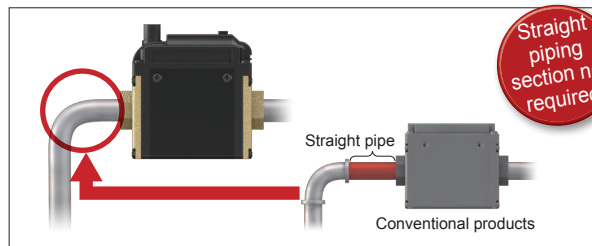
The Flo-Thru structure allows even water of poor quality to be used.

No detection failure

The capacitance structure reduces the likelihood of detection failures caused by foreign matter deposited onto the electrode.

Improved installation

Ensures repeatability in elbow piping.



Noise resistance

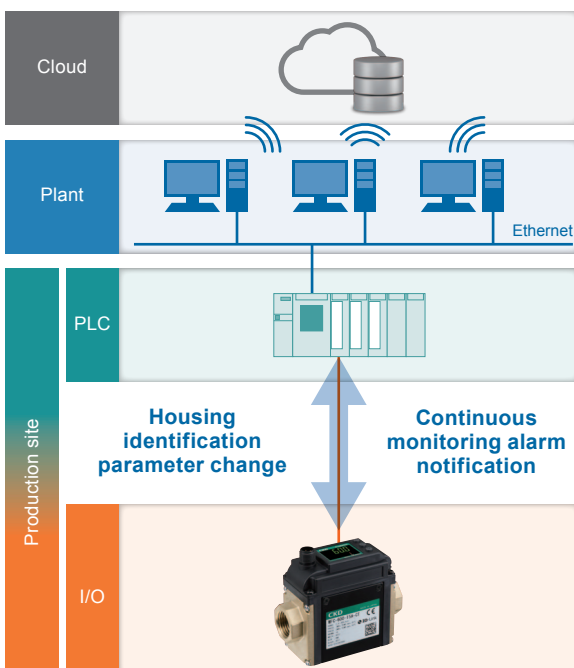
Stabilized power supply and anti-noise ferrite core are not required.



IO-Link model now included in series



IO-Link is a digital communication specification for on-site sensors and actuators in plants. (IEC61131-9)
This enables the transmission of parameters and event data that could not be transmitted by analog communication.



Features of IO-Link



Continuous monitoring is enabled by the use of digital data.



Parameters can be set or changed via a network, allowing apparatus to be remote-controlled.



The model No., serial No. or other unit-unique information can be confirmed on the network.



Settings can be copied from the master (scanner) side, making troublesome parameter resetting during maintenance unnecessary.



Device failures and disconnections can be confirmed.



It is possible to connect by changing to an Ethernet network, enabling the creation of an IoT system.



Fluid temperature measurement function (option)

There is no need to for an external fluid temperature sensor, reducing space and wiring work.



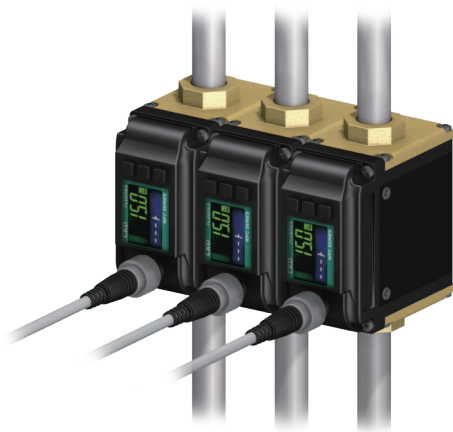
Remote zero adjustment

Allows zero point adjustment by external input.



Allows parallel installation

Changing the mode allows parallel installation.

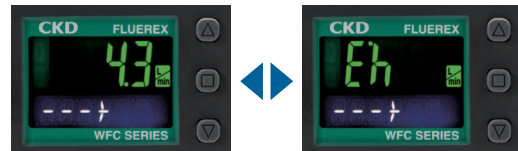


Max. working pressure 2.0 MPa

Usable even with medium pressure coolants.

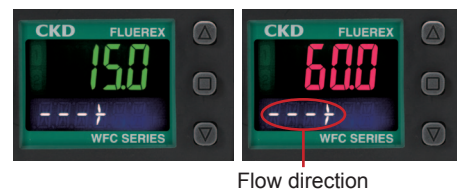
With 180° invertible display

Display can be inverted to suit worksite.



Improvement of visibility

The 2-color display and flow direction arrow allow easy recognition.



Easy setting

Settings can be easily changed using shortcut operation.

* Refer to page 10 for details.

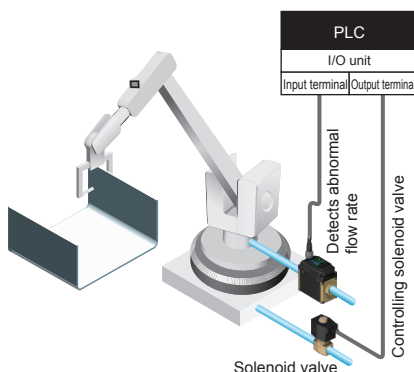
Capacitance electromagnetic flow sensor

WFC Series

Example of applications

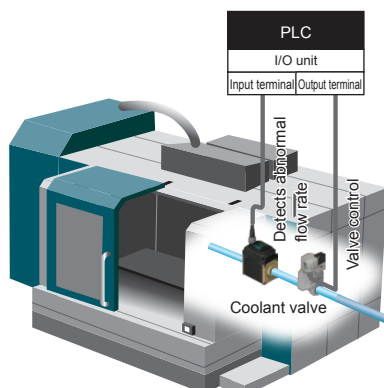
Welding Spot welding machine

Spot welding machine coolant control and flow rate abnormality detection for chip fallout



Machining Machine tools

Flow rate management of water-soluble coolant



Hardening Induction hardening device

Quantitative management of cooling water

