

# Diversified

## Five types of gases can be measured with just one unit

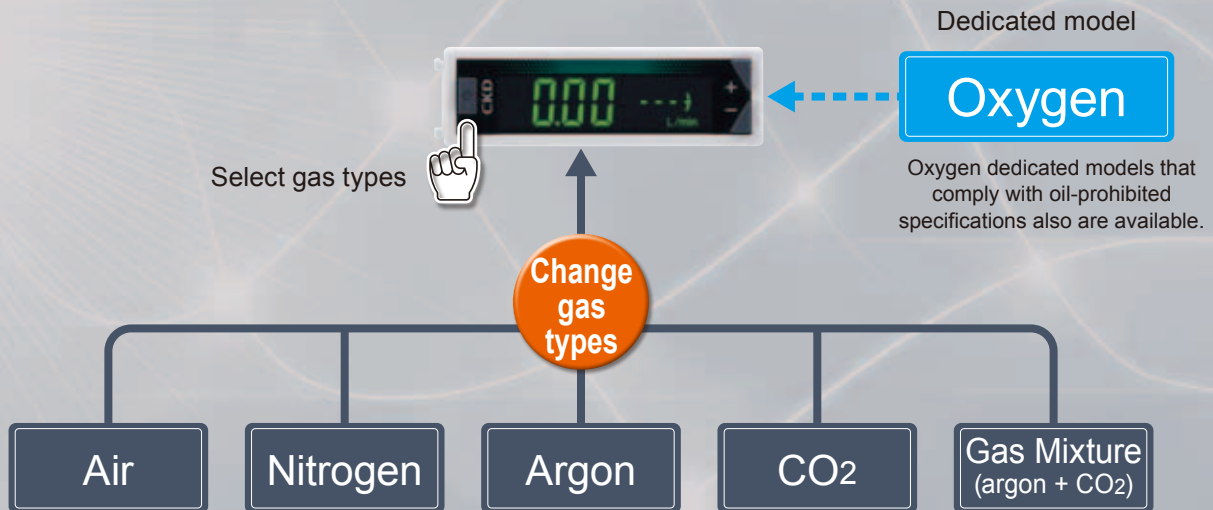
Gas type switching function (LCD display, IO-Link) (full scale flow rate 200 L/min or less model)

Air, nitrogen, argon, carbon dioxide, gas mixture (mixture of Ar: CO<sub>2</sub> (8:2)) supported with this single flow rate sensor.

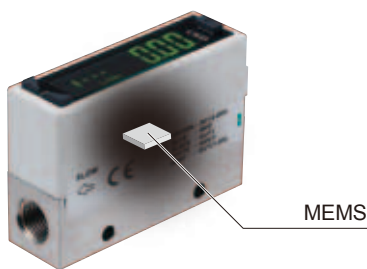
Gas types can be switched by operating buttons on the body.

In the IO-Link specifications, the gas type can be changed remotely from a host controller.

\* For details on mixing ratios, contact CKD.



# High performance



MEMS stands for Micro Electro Mechanical Systems or the technology of microscopic devices to which microprocessing technology, that is used in the manufacture of semiconductor, is applied.

## Clean-room specifications

Anti-dust generation packaging (P70) and oil-prohibited specifications (P80) are included in the product lineup as standard

Sensors can be used selectively according to the grade of the apparatus.

## Compatible with outgas

Stainless steel body does not use resin in the flow path, making it ideal for processes that are difficult to outgas.

## High precision/high-speed response

Repeatability: Within  $\pm 1\%$  F.S.

Display accuracy: Within  $\pm 3\%$  F.S.

Response time: 50 msec

## Reduced pressure loss

A re-designed flow path results in up to a 50% reduction

## Bi-directional fluid measurement

Contributes to reducing tact time

The flow direction can be measured as desired.

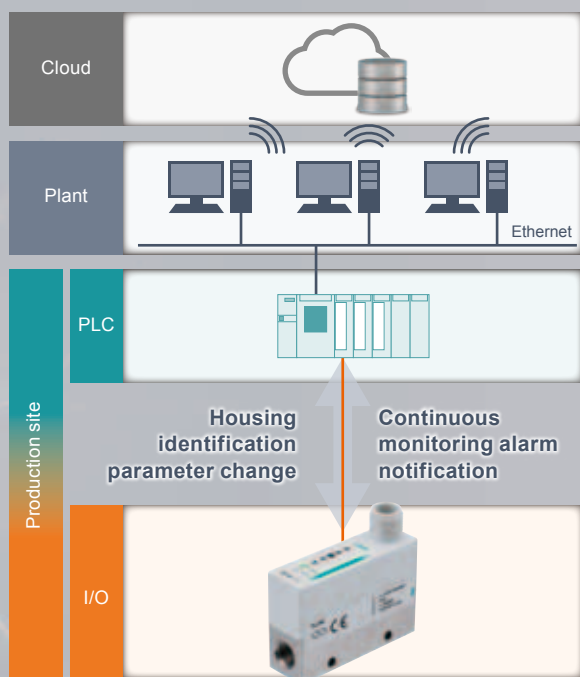




## IO-Link model now included in series

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.



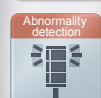
Parameters can be set or changed via a network, allowing apparatus to be remote-controlled.



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



Settings can be copied from a master (scanner) unit. This frees the operator from the trouble of having to reset parameters during maintenance.



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.

# User-friendly

## LCD can be rotated for ease of viewing

The display can be inverted.



## Easy mounting (option)

DIN rail mount

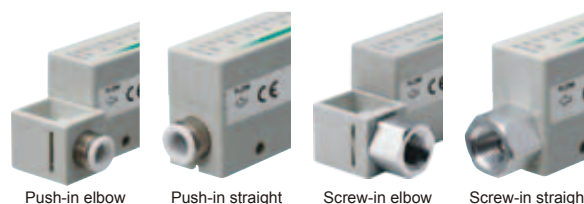


Panel mount



## Wide selection of fittings

Resin body



Stainless steel body

