

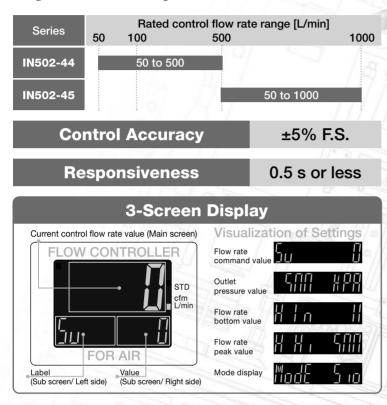
## **Air Flow Controller**

Applicable fluid Dry air, N<sub>2</sub>

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## Automatic flow rate adjustment is possible.



## **Reduced effects of load fluctuations**

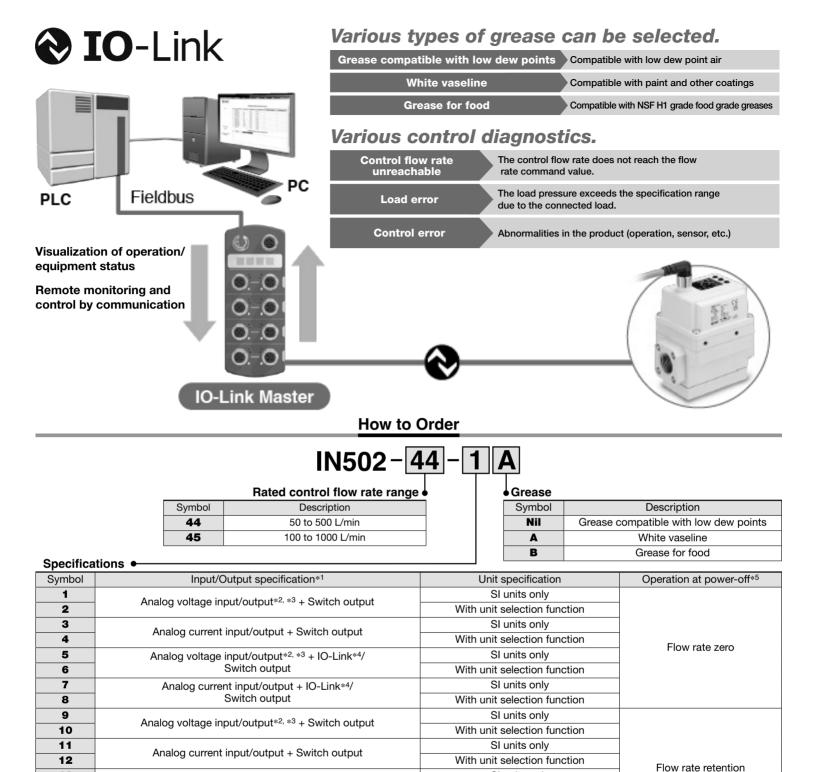
Changes in connected load conditions

Control target changes | Pipe length and pipe bore size changes | Changes in components etc.

The outlet pressure and fluid temperature can be measured simultaneously.
Notifies when the control flow rate command value has been reached.



## IN502-44/45 Series



\*1 Analog I/O and switch output are I/O for the control flow rate.
 \*2 The analog voltage input can be selected from 0 to 5 or 0 to 10 V. The factory setting is 0 to 5 V.

\*3 Either the 1 to 5 or 0 to 10 V button can be pressed to select the analog voltage output. The factory setting is 1 to 5 V.

\*4 The analog input cannot be used in IO-Link mode.

\*5 The operation at power-off, or the operation that is activated when the power supply turns OFF during flow rate control, can be selected via the part number.

Note that when flow rate zero is selected, it is not guaranteed to function as a shut valve. When flow rate retention is selected, it does not guarantee flow rate retention.



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Analog voltage input/output\*<sup>2, \*3</sup> + IO-Link\*<sup>4</sup>/ Switch output

Analog current input/output + IO-Link\*4/

Switch output



SI units only

With unit selection function

SI units only

With unit selection function

