

Remote Control Valve (Electric speed controller) **PFES Series**



How to Order

PFES 1001 R-04 S-N-L R

Flow rate type

1001	Small flow
1002	Low flow
2002	Intermediate flow
3002	High flow

Port size

04	Ø 4
06	Ø 6
08	Ø 8

Piping entry direction

S	Straight
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Option 2

R	Bracket
Z	None

Option 1

L	With lead wire and M12 connector
Z	Without lead wire


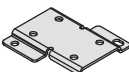
Input specification

N	NPN input
P	PNP input



Accessories / Part Numbers

When optional parts are required separately, use the following part numbers to place an order.

Description	Part number	Note
Lead wire with M12 connector Straight	ZS-37-A	Lead wire length 3 m 
Bracket	ZS-58-A	Self-tapping screw: Nominal size 3 x 6 L (4 pcs.) 

Specifications

Fluid	Applicable fluid	Air (JIS B8392-1: 2012 [6.6.5], ISO8573-1: 2010 [6.6.5])
	Fluid temperature range	0 to 50 °C
Pressure	Rated pressure range	0.1 to 0.8 MPa
	Withstand pressure	1.5 MPa
Electrical	Power supply voltage	24 VDC ±10 %
	Current consumption	Standby: 13 mA or less, Operation: 530 mA or less
Control specification	Input type	NPN PNP
	Input current	1 mA or less
	Needle control angle (signal input time)	5° (above 50 ms, below 0.5 s), below 0.5 s 30° (above 0.5 s, below 1.0 s), below 1.0 s
	Response time	180° (1.0 s or more), 2.0 s or less
Display (LED)	UP (+)	LED is ON when needle is rotating (Green)
	POWER	LED is ON when power supply is ON (amber)
	DOWN (-)	LED is ON when needle is rotating (Green)
Standards		CE / UKCA
Environment	Operating temperature range	0 to 50 °C
	Enclosure rating	IP40
	Materials of parts in contact with fluid	PBT, Brass (Electroless nickel plating), FKM, Urethane rubber