

3-Colour Display

Digital Flow Switch for PVC Piping

PF3W Series



RoHS

How to Order

For how to order the remote monitor unit, refer to page 31.



Remote sensor unit

Integrated display



Remote sensor unit Output specification

Symbol	OUT1
1	Analogue 1 to 5 V
2	Analogue 4 to 20 mA

* To use in combination with the remote monitor (PFG200/PF3W3 series), select 1 to 5 V for the flow rate analogue output (output symbol "-1").

Remote sensor unit/Unit printed on label

Symbol	Instantaneous flow
—	l/min
G*1	l/min (gal/min)

*1 Under the New Measurement Act, units other than SI (symbol "—") cannot be used in Japan.

* G: Made to order

Reference: 1 [l/min] ↔ 0.2642 [gal/min]
1 [gal/min] ↔ 3.785 [l/min]

Calibration certificate (Only for flow rate)

—	None
A	With calibration certificate

* The integrated display type with a temperature sensor can only display the flow rate.

PF3W 5 [] - U [] - 1 [] - [] - [] - [] - []
PF3W 7 11 - U 25 - A [] - M [] - [] - []

Type

5	Remote sensor unit
7	Integrated display

Rated flow range (Flow range)

Symbol	Rated flow range
11	10 to 100 l/min
21	30 to 250 l/min

Connection type

U	PVC pipe
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PVC pipe O.D.

Symbol	Port size	Rated flow range	Pipe O.D.*1
25	25A	●	32 mm
30	30A	—	38 mm

*1 JIS K 6742 equivalent

Integrated display

Output specification

Symbol	OUT1	OUT2
A	NPN	NPN
B	PNP	PNP
C	NPN	Analogue 1 to 5 V
D	NPN	Analogue 4 to 20 mA
E	PNP	Analogue 1 to 5 V
F	PNP	Analogue 4 to 20 mA
G	NPN	External input
H	PNP	External input

External input: The accumulated value, peak value, and bottom value can be reset.

Made to order

X109	EPDM seal material
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(Refer to page 30.)

Brackets (Option)

—	None
R	With brackets

* Brackets are not available for the 250 l/min type.

Integrated display/Unit specification

Symbol	Instantaneous flow	Accumulated flow
M	l/min	L
G	gal/min	gal

* Under the New Measurement Act, units other than SI (symbol "M") cannot be used in Japan.

* G: Made to order

Reference: 1 [l/min] ↔ 0.2642 [gal/min]
1 [gal/min] ↔ 3.785 [l/min]

Lead wire (Option)

—	N
With lead wire with M8 connector (3 m)	Without lead wire with M8 connector

Options/Part Nos.

When only optional parts are required, order with the part numbers listed below.

Description	Part no.	Qty.	Note
Bracket	ZS-40-M	1	For PF3W711/511 With 4 tapping screws (4 x 10)
Lead wire with M8 connector	ZS-40-A	1	Lead wire length: 3 m