

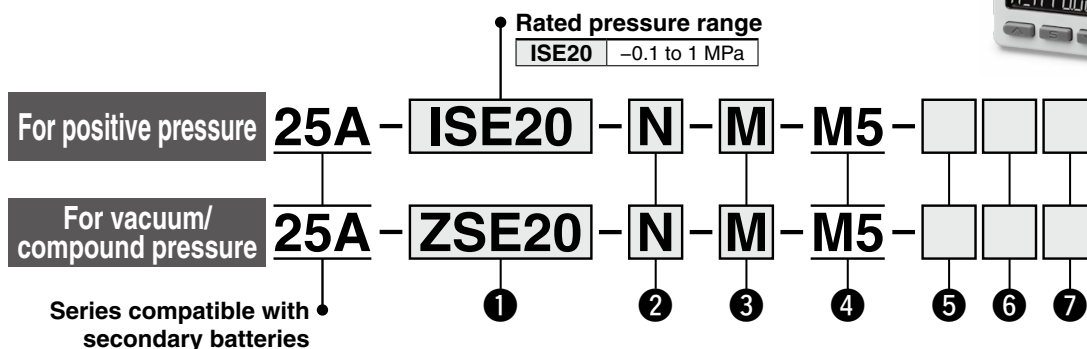
1 Output

3-Screen Display High-Precision Digital Pressure Switch

25A-ZSE20(F)/ISE20 Series



How to Order



1 Rated pressure range

ZSE20	0 to -101 kPa
ZSE20F	-100 to 100 kPa

2 Output specification

Symbol	Description
N	NPN open collector 1 output
P	PNP open collector 1 output

3 Unit specification

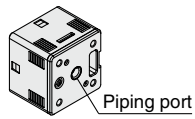
Symbol	Description
Nil	Units selection function*1
M	SI unit only*2
P	Units selection function (Initial value psi)*1

*1 Under the New Measurement Act, switches with the units selection function are not permitted for use in Japan.

*2 Fixed unit: kPa, MPa

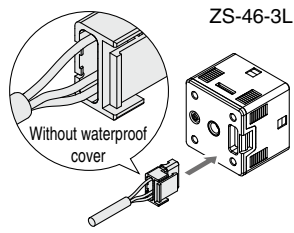
4 Piping specification

Symbol	Description
M5	M5 female thread



5 Option 1

Symbol	Description
Nil	Without lead wire
L	Lead wire with connector (3-core, 2 m lead wire)



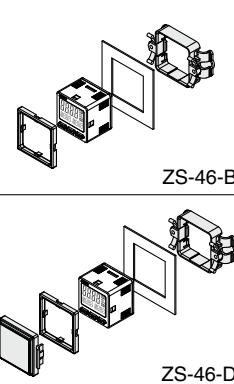
7 Option 3

Symbol	Operation manual*1	Calibration certificate*1
Nil	○	—
Y	—	—
K	○	○
T	—	○

*1 All texts are in both English and Japanese.

6 Option 2

Symbol	Description
Nil	None
B	Panel mount adapter
D	Panel mount adapter + Front protection cover



Options/Part Nos.

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

Description	Part no.	Note
Panel mount adapter	ZS-46-B	—
Panel mount adapter + Front protection cover	ZS-46-D	—
Lead wire with connector	ZS-46-3L	3-core, 2 m, Non-waterproof (Without waterproof cover)
Front protection cover	ZS-27-01	—

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

2 Outputs + Analog Output (Voltage/Current)



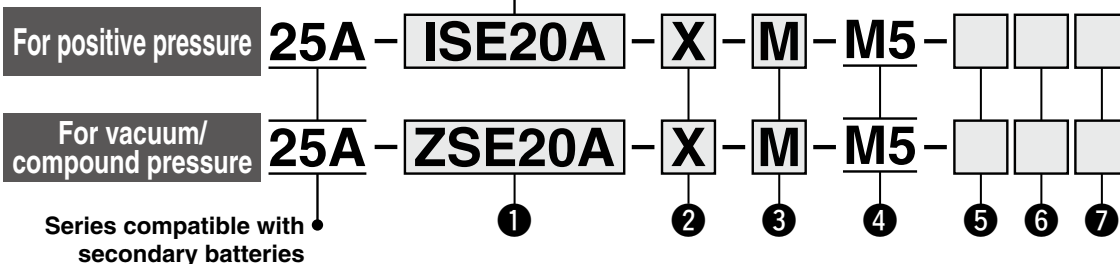
RoHS

IP40

3-Screen Display High-Precision Digital Pressure Switch

25A-ZSE20A(F)/ISE20A Series

How to Order



1 Rated pressure range

ZSE20A	0 to -101 kPa
ZSE20AF	-100 to 100 kPa

2 Output specification

Symbol	Description
R	NPN open collector 2 outputs + Analog voltage output *1
S	NPN open collector 2 outputs + Analog current output *1
T	PNP open collector 2 outputs + Analog voltage output *1
V	PNP open collector 2 outputs + Analog current output *1
X	NPN open collector 2 outputs + Copy function
Y	PNP open collector 2 outputs + Copy function

*1 Can be switched to auto-shift or copy function

3 Unit specification

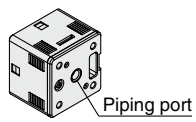
Symbol	Description
Nil	Units selection function *1
M	SI unit only *2
P	Units selection function (Initial value psi) *1

*1 Under the New Measurement Act, switches with the units selection function are not permitted for use in Japan.

*2 Fixed unit: kPa, MPa

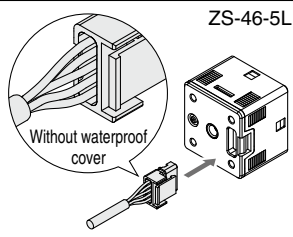
4 Piping specification

Symbol	Description
M5	M5 female thread



5 Option 1

Symbol	Description
Nil	Without lead wire
J	Lead wire with connector (5-core, 2 m lead wire)



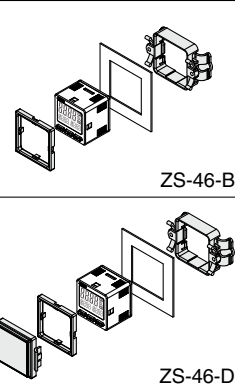
7 Option 3

Symbol	Operation manual *1	Calibration certificate *1
Nil	○	—
Y	—	—
K	○	○
T	—	○

*1 All texts are in both English and Japanese.

6 Option 2

Symbol	Description
Nil	None
B	Panel mount adapter
D	Panel mount adapter + Front protection cover



Options/Part Nos.

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

Description	Part no.	Note
Panel mount adapter	ZS-46-B	—
Panel mount adapter + Front protection cover	ZS-46-D	—
Lead wire with connector	ZS-46-5L	5-core, 2 m, Non-waterproof (Without waterproof cover)
Front protection cover	ZS-27-01	—

2 Outputs + Analog Output (Voltage/Current)



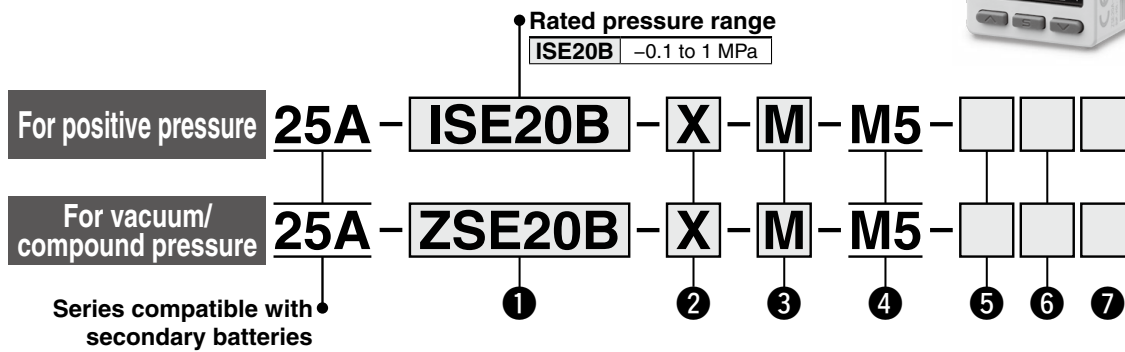
3-Screen Display High-Precision Digital Pressure Switch

RoHS

IP65

25A-ZSE20B(F)/ISE20B Series

How to Order



① Rated pressure range

ZSE20B	0 to -101 kPa
ZSE20BF	-100 to 100 kPa

② Output specification

Symbol	Description
R	NPN open collector 2 outputs + Analog voltage output *1
S	NPN open collector 2 outputs + Analog current output *1
T	PNP open collector 2 outputs + Analog voltage output *1
V	PNP open collector 2 outputs + Analog current output *1
X	NPN open collector 2 outputs + Copy function
Y	PNP open collector 2 outputs + Copy function

*1 Can be switched to auto-shift or copy function

③ Unit specification

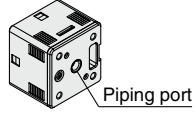
Symbol	Description
Nil	Units selection function *1
M	SI unit only *2
P	Units selection function (Initial value psi) *1

*1 Under the New Measurement Act, switches with the units selection function are not permitted for use in Japan.

*2 Fixed unit: kPa, MPa

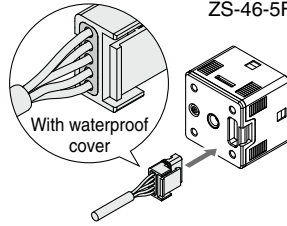
④ Piping specification

Symbol	Description
M5	M5 female thread



⑤ Option 1

Symbol	Description
Nil	Without lead wire
W	Lead wire with connector (5-core, 2 m lead wire, With waterproof cover)



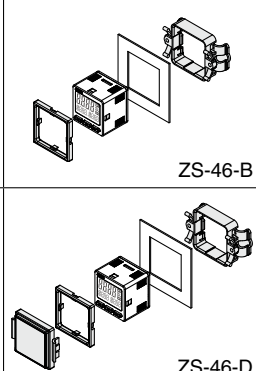
⑦ Option 3

Symbol	Operation manual *1	Calibration certificate *1
Nil	○	—
Y	—	—
K	○	○
T	—	○

*1 All texts are in both English and Japanese.

⑥ Option 2

Symbol	Description
Nil	None
B	Panel mount adapter
D	Panel mount adapter + Front protection cover



Options/Part Nos.

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

Description	Part no.	Note
Panel mount adapter	ZS-46-B	—
Panel mount adapter + Front protection cover	ZS-46-D	—
Lead wire with connector	ZS-46-5F	5-core, 2 m, Waterproof (With waterproof cover)
Front protection cover	ZS-27-01	—

2 Outputs + Analog Output (Voltage/Current)



3-Screen Display High-Precision Digital Pressure Switch for General Fluids

RoHS

IP65

25A-ZSE20C(F)/ISE20C(H) Series



How to Order

For positive pressure

25A - ISE20C - X - M - 02 - [] [] []

For vacuum/
compound pressure

25A - ZSE20C - X - M - 02 - [] [] []

Series compatible with
secondary batteries

Rated pressure range

ISE20C	-0.1 to 1 MPa
ISE20CH	-0.1 to 2 MPa

1 Rated pressure range

ZSE20C	0 to -101 kPa
ZSE20CF	-100 to 100 kPa

2 Output specification

Symbol	Description
R	NPN open collector 2 outputs + Analog voltage output*1
S	NPN open collector 2 outputs + Analog current output*1
T	PNP open collector 2 outputs + Analog voltage output*1
V	PNP open collector 2 outputs + Analog current output*1
X	NPN open collector 2 outputs + Copy function
Y	PNP open collector 2 outputs + Copy function

*1 Can be switched to auto-shift or copy function

3 Unit specification

Symbol	Description
Nil	Units selection function*1
M	SI unit only*2
P	Units selection function (Initial value psi)*1

*1 Under the New Measurement Act, switches with the units selection function are not permitted for use in Japan.

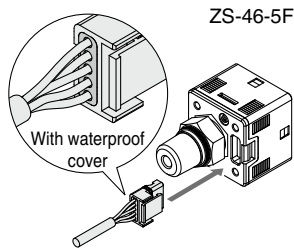
*2 Fixed unit: kPa, MPa

4 Piping specification

Symbol	Description
02	R1/4 (M5 female threaded)

5 Option 1

Symbol	Description
Nil	Without lead wire
W	Lead wire with connector, 5-core (2 m lead wire, With waterproof cover)



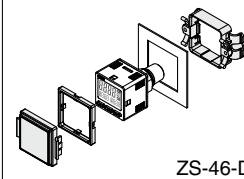
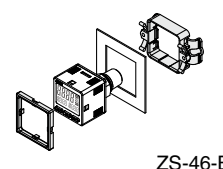
7 Option 3

Symbol	Operation manual*1	Calibration certificate*1
Nil	○	—
Y	—	—
K	○	○
T	—	○

*1 All texts are in both English and Japanese.

6 Option 2

Symbol	Description
Nil	None
B	Panel mount adapter
D	Panel mount adapter + Front protection cover



Options/Part Nos.

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

Description	Part no.	Note
Panel mount adapter	ZS-46-B	Rear ported
Panel mount adapter + Front protection cover	ZS-46-D	Rear ported
Lead wire with connector	ZS-46-5F	5-core, 2 m, Waterproof (With waterproof cover)
Front protection cover	ZS-27-01	Rear ported

2-Color Display

Digital Flow Switch

25A-PFMB7 Series



RoHS

How to Order



25A - PFMB 7 201 - C8 - A W - M

• Series compatible with secondary batteries

Rated flow range
(Flow rate range)

201	2 to 200 L/min
------------	----------------

• Port size

C8	ø8 (5/16") One-touch fitting
02 *1	Rc1/4
N02 *1	NPT1/4
F02 *1	G1/4 *2

*1 Made to order

*2 ISO1179-1 compliant

• Piping entry direction

Nil	L *1
Straight	Bottom

*1 Made to order

• Output specification

	OUT1	OUT2	Applicable monitor unit model
A	NPN	NPN	—
B	PNP	PNP	—
C	NPN	Analog 1 to 5 V	PFG300 series
D	NPN	Analog 4 to 20 mA	PFG310 series
E *1	PNP	Analog 1 to 5 V	PFG300 series
F *1	PNP	Analog 4 to 20 mA	PFG310 series
G *1	NPN	External input *2	—
H *1	PNP	External input *2	—

*1 Made to order

*2 Accumulated flow value, peak/bottom flow value can be reset by external signal input.

• Option 1

W
Lead wire with connector (2 m) + Rubber cover for connector (Silicone rubber)
ZS-33-F
ZS-33-D

* When only optional parts are required, refer to Option 1/Part Nos. on page 176.

• Calibration certificate *1

Nil	None
A *2	With calibration certificate

*1 Certificate in both English and Japanese

*2 Made to order

• Option 2

Nil	R
No bracket	Bracket (For without flow adjustment valve) 25A-ZS-33-M
	With 2 tapping screws
T	
Panel mount adapter (For without flow adjustment valve) ZS-33-J	Panel mount adapter A
Panel mount adapter B	Panel
Mounting bracket	

* Options are shipped together with the product, but not assembled.

When only optional parts are required, refer to Option 2/Part Nos. on page 176.

• Unit specification

M	SI unit only *1
Nil	Units selection function *2

*1 Fixed unit: Instantaneous flow: L/min
Accumulated flow: L

*2 This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

Unit can be changed. Instantaneous flow: L/min ⇔ cfm
Accumulated flow: L ⇔ ft³

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)



How to Order

25A - PFMB7 **501** - **04** - **A** **W** - **M**

- Series compatible with secondary batteries

Rated flow range (Flow rate range)

501	5 to 500 L/min
102	10 to 1000 L/min
202	20 to 2000 L/min

Thread type

Nil	Rc
N	NPT
F	G *1

*1 ISO228 compliant

Port size

	Port size	Rated flow range		
		501	102	202
04	1/2	●	●	—
06	3/4	—	—	●

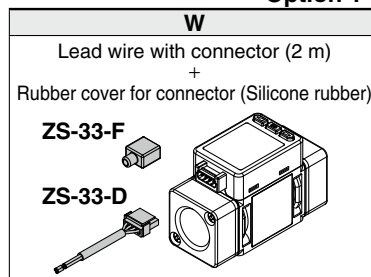
Output specification

	OUT1	OUT2	Applicable monitor unit model
A	NPN	NPN	—
B	PNP	PNP	—
C	NPN	Analog 1 to 5 V	PFG300 series
D	NPN	Analog 4 to 20 mA	PFG310 series
E *1	PNP	Analog 1 to 5 V	PFG300 series
F *1	PNP	Analog 4 to 20 mA	PFG310 series
G *1	NPN	External input *2	—
H *1	PNP	External input *2	—

*1 Made to order

*2 Accumulated flow value, peak/bottom flow value can be reset by external signal input.

Option 1



* When only optional parts are required, refer to Option 1/Part Nos. below.

Option 1/Part Nos.

Option	Part no.	Qty.	Note
Lead wire with connector	ZS-33-D	1	Lead wire: 2 m
Rubber cover (Silicone rubber)	ZS-33-F	1	For connector

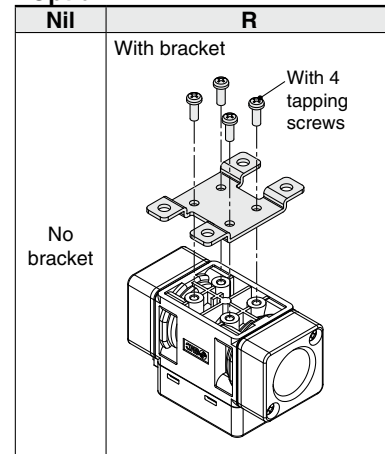
Calibration certificate *1

Nil	None
A *2	With calibration certificate

*1 Certificate in both English and Japanese

*2 Made to order

Option 2



* Options are shipped together with the product, but not assembled. When only optional parts are required, refer to Option 2/Part Nos. below.

Unit specification

M	SI unit only *1
Nil	Units selection function *2

*1 Fixed unit: Instantaneous flow: L/min
Accumulated flow: L

*2 This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

Unit can be changed. Instantaneous flow: L/min ↔ cfm
Accumulated flow: L ↔ ft³

Option 2/Part Nos.

Option	Part no.	Qty.	Note
Bracket (for PFMB7201)	25A-ZS-33-M	1	With 2 tapping screws (3 x 6)
Panel mount adapter (for PFMB7201)	ZS-33-J	1	
Bracket (for PFMB7501/7102)	25A-ZS-42-C	1	With 4 tapping screws (3 x 6)
Bracket (for PFMB7202)	25A-ZS-42-D	1	With 4 tapping screws (3 x 6)

* The 25A- series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)

2-Color Display

Digital Flow Switch

Remote sensor unit



RoHS

25A-PFM5 Series



How to Order

Remote sensor unit

25A - PFM 5 10 - C6 - 1 - - - W

Series compatible with secondary batteries

Type

5 Remote sensor unit

Rated flow range (Flow rate range)

10	0.2 to 10 (5) L/min
25	0.5 to 25 (12.5) L/min
50	1 to 50 (25) L/min
11	2 to 100 (50) L/min

* (): Fluid: CO₂

Piping entry direction

Nil	Straight
L	Bottom

Output specification

No.	Description	Applicable display unit
1	Analog output (1 to 5 V)	25A-PFM30□
2	Analog output (4 to 20 mA)	25A-PFM31□

Calibration certificate

Nil	None
A	With calibration certificate

* The certificate is written in English and Japanese.
Other languages are available as specials.

Operation manual

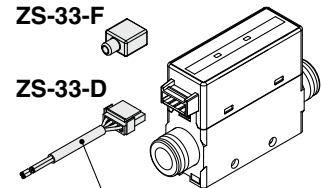
Nil	With operation manual (Japanese and English)
N	None

Option 1

With lead wire with connector (2 m)
+
Rubber cover for connector (silicon rubber)

ZS-33-F

ZS-33-D



Lead wire length 2 m

Option 2

Port size

Symbol	Description	Flow rate range			
		10	25	50	11
01	Rc1/8	●	●	●	
02	Rc1/4				●
N01	NPT1/8	●	●	●	
N02	NPT1/4				●
F01	G1/8*1	●	●	●	
F02	G1/4*1				●
C6	ø6 One-touch fitting	●	●	●	●
C8	ø8 (5/16") One-touch fitting		●	●	●

*1 ISO228-1 compliant

Options are shipped together with the product, but not assembled.

Nil	R	T
	Bracket (For without flow adjustment valve) 25A-ZS-33-M	Panel mount adapter (For without flow adjustment valve) ZS-33-J
None		

Piping Variations

	With One-touch fittings (C6, C8)		Female thread (01, 02, N01, N02, F01, F02)	
	Straight (Nil)	Bottom (L)	Straight (Nil)	Bottom (L)
Without flow adjustment valve (Nil)				

* The 25A- series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)

Flow Sensor Monitor

25A-PFM3 Series**How to Order****Output specification**

0	2 NPN outputs + 1 to 5 V output
1	2 NPN outputs + 4 to 20 mA output
2	2 NPN outputs + External input*1
3	2 PNP outputs + 1 to 5 V output
4	2 PNP outputs + 4 to 20 mA output
5	2 PNP outputs + External input*1

*1 User can select from accumulated value external reset, auto-shift and auto-shift zero.

Operation manual

Nil	With operation manual (Japanese and English)
N	None

Calibration certificate

Nil	None
A	With calibration certificate

* The certificate is written in English and Japanese. Other languages are available as specials.

25A-PFM3 00-M L

Series compatible
with secondary
batteries

Type

3	Remote display unit
---	---------------------

Input specification

Symbol	Content	Applicable remote type sensor unit
0	Voltage input	25A-PFM5□□-□-1-□
1	Current input	25A-PFM5□□-□-2-□

Unit specification

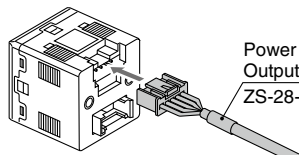
Nil	With unit switching function*1
M	Fixed SI unit*2

*1 Under the New Measurement Act, flow sensor monitors with the unit switching function are not permitted for use in Japan.

*2 Fixed unit: Instantaneous flow: L/min
Accumulated flow: L

Option 1

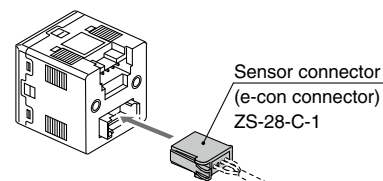
Nil	None
L	Power supply/Output connector



* The cable does not come connected, but it is shipped together with the product.

Option 3

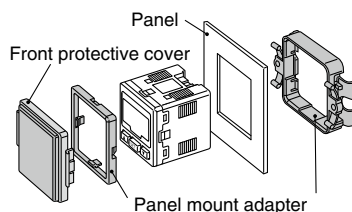
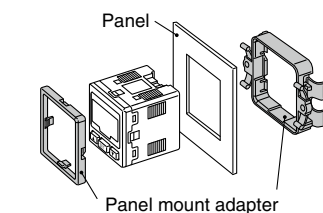
Nil	None
F	With sensor connector



* The connector does not come connected, but it is shipped together with the product.

Option 2

Nil	None
B	Panel mount adapter
D	Panel mount adapter + Front protective cover



* Options are shipped together with the product, but not assembled.

Options/Part Nos.

Description	Part no.	Note
Power supply/Output connector (2 m)	ZS-28-A	
Sensor connector	ZS-28-C-1	1 pc.
Panel mount adapter	ZS-46-B	
Panel mount adapter + Front protective cover	ZS-46-D	

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

3-Color Display

Digital Flow Monitor for Water

25A-PF3W Series



RoHS



How to Order

25A-PF3W 30 A - M V C

Series compatible with secondary batteries

Type

3 Remote monitor unit

For remote sensor units, select the analog output 1 to 5 V type.

Applicable sensors: PF3W5□□-□□-1(T)

Output specification

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

In combination with remote sensor unit with temperature sensor, only OUT2 can be set for temperature sensor output.

Lead wire

Nil	With power supply/output connection lead wire (2 m)
N	Without power supply/output connection lead wire

The lead wire does not come connected, but it is shipped together with the product.

Remote monitor unit/Unit specification

Symbol	Instantaneous flow	Accumulated flow	Temperature
M	L/min	L	°C
G	gal/min	gal	°C
F	gal/min	gal	°F
J	L/min	L	°F

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

* G, F, J: Made to order

Reference: 1 [L/min] ↔ 0.2642 [gal/min]

1 [gal/min] ↔ 3.785 [L/min]

°F = 9/5°C + 32

Calibration certificate (Only flow monitor)

Nil	None
A	With calibration certificate

* The certificate is written in both Japanese and English.

Option 2

Nil	None
C	Sensor connector (1 pc.) Sensor connector (e-con)

The connector does not come connected, but it is shipped together with the product.

Option 1

Nil	None
T	Panel mount adapter Waterproof seal (Accessory) Panel Mounting screw (M3 x 8 L) (Accessory)
V	Front protective cover + Panel mount adapter Front protective cover Panel mount adapter Waterproof seal (Accessory) Panel Mounting screw (M3 x 8 L) (Accessory)

Options/Part Nos.

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

Description	Part no.	Note
Panel mount adapter	25A-ZS-26-B	With waterproof seal and screws
Front protective cover + Panel mount adapter	25A-ZS-26-C	With waterproof seal and screws
Front protective cover only	ZS-26-01	Separately order panel mount adapter, etc.
Power supply/output connection lead wire	ZS-40-W	Lead wire length: 2 m
Sensor connector (e-con)	ZS-28-CA-4	1 pc.
Lead wire with connector for copying	ZS-40-Y	Connect up to 10 slave units

* The 25A- series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)

2-Color Display Digital Flow Switch

Integrated
display



25A-PFM7 Series



How to Order

Integrated display

25A - PFM7 10 - C6 - A - M - W

Series compatible with secondary batteries

Type
7 Integrated display

Rated flow range (Flow rate range)

10	0.2 to 10 (5) L/min
25	0.5 to 25 (12.5) L/min
50	1 to 50 (25) L/min
11	2 to 100 (50) L/min

* (): Fluid: CO₂

Port size

Symbol	Description	Flow rate range			
		10	25	50	11
01	Rc1/8	●	●	●	—
02	Rc1/4	—	—	—	●
N01	NPT1/8	●	●	●	—
N02	NPT1/4	—	—	—	●
F01	G1/8	●	●	●	—
F02	G1/4	—	—	—	●
C6	ø6 One-touch fitting	●	●	●	●
C8	ø8 (5/16") One-touch fitting	—	●	●	●

Piping entry direction

Nil	Straight
L	Bottom

Output specifications

A	2 NPN outputs
B	2 PNP outputs
C	1 NPN output + Analog output (1 to 5 V)
D	1 NPN output + Analog output (4 to 20 mA)
E	1 PNP output + Analog output (1 to 5 V)
F	1 PNP output + Analog output (4 to 20 mA)
G	1 NPN output + External input ^{*3}
H	1 PNP output + External input ^{*3}

^{*3} User can select from accumulated value external reset, auto-shift and auto-shift zero.

Unit specifications

Nil	With unit switching function ^{*2}
M	Fixed SI unit ^{*1}

^{*1} Fixed unit: Instantaneous flow: L/min
Accumulated flow: L

^{*2} Under Japan's New Measurement Act, this is only for overseas sales.
(SI units are to be used inside Japan.)

Option 1

W	Lead wire with connector (2 m) + Rubber cover for connector (Silicon rubber)
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Calibration certificate

Nil	None
A	With calibration certificate

* The certificate is written in English and Japanese.
Other languages are available as specials.

Operation manual

Nil	With operation manual (Japanese and English)
N	None

Option 2

Nil	None
R	Bracket (For without flow adjustment valve) 25A-ZS-33-M
T	Panel mount adapter (For without flow adjustment valve) ZS-33-J

Diagram of Option 2 R: Shows the flow switch mounted on a bracket with a mounting screw (accessory).

Diagram of Option 2 T: Shows the flow switch mounted on a panel mount adapter B, which is connected to a panel mount adapter A, and then to a panel. A mounting bracket is also shown.

* The 25A- series specifications and dimensions are the same as those of the standard model.

* Digital flow switch with flow adjustment valve is not standard product. It can be supplied as Made-to-Order separately.

[Click here for details.](#)

3-color display

Digital Flow Switch for Water

25A-PF3W Series C €

RoHS

How to Order

Remote sensor unit

Output specification/Temperature sensor

Symbol	OUT1	OUT2	Temperature sensor
	Flow rate	Temperature	
1	Analog 1 to 5 V	—	None
2	Analog 4 to 20 mA	—	
1T	Analog 1 to 5 V	Analog 1 to 5 V	With temperature sensor

* To use in combination with remote monitor (PF3W3 series), select analog output of 1 to 5 V of flow rate (output symbol "1" or "1T").

Remote sensor unit/Unit printed on label

Symbol	Instantaneous flow rate	Temperature
Nil	L/min	°C
G*1	L/min (gal/min)	°C/°F

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

* G: Made to Order

Reference: 1 [L/min] ↔ 0.2642 [gal/min]
1 [gal/min] ↔ 3.785 [L/min]
°F = 9/5°C + 32

Remote sensor unit

Integrated display

Series compatible with secondary batteries

25A-PF3W 5 04 - 03 - 1T -
25A-PF3W 7 04 - 03 - AT - M -

Type

5	Remote sensor unit
7	Integrated display

Rated flow range (Flow range)

Symbol	Rated flow range
04	0.5 to 4 L/min
20	2 to 16 L/min
40	5 to 40 L/min
11	10 to 100 L/min

Thread type

Nil	Rc
N	NPT
F	G

Port size

Symbol	Port size	Rated flow range	04	20	40	11
03	3/8	●	●	—	—	—
04	1/2	—	●	●	—	—
06	3/4	—	—	●	●	—
10	1/1	—	—	—	—	●

Flow adjustment valve

Symbol	With/without flow adjustment valve	Rated flow rate			
		04	20	40	11
Nil	None	●	●	●	—
S	Yes	●	●	●	—

100 L/min type is not available with flow adjustment valve.

Integrated display

Output specification/Temperature sensor

Symbol	OUT1	OUT2		Temperature sensor
	Flow rate	Flow rate	Temperature	
A	NPN	NPN	—	None
B	PNP	PNP	—	
C	NPN	Analog 1 to 5 V	—	
D	NPN	Analog 4 to 20 mA	—	
E	PNP	Analog 1 to 5 V	—	
F	PNP	Analog 4 to 20 mA	—	
G	NPN	External input*1	—	
H	PNP	External input*1	—	
AT	NPN	(NPN)	*2 NPN	With temperature sensor
BT	PNP	(PNP)	*2 PNP	
CT	NPN	(Analog 1 to 5 V)	*2 Analog 1 to 5 V	
DT	NPN	(Analog 4 to 20 mA)	*2 Analog 4 to 20 mA	
ET	PNP	(Analog 1 to 5 V)	*2 Analog 1 to 5 V	
FT	PNP	(Analog 4 to 20 mA)	*2 Analog 4 to 20 mA	

* The 25A-series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

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

*2 For units with temperature sensor, OUT2 can be set as either temperature output or flow rate output. Setting when shipped is for temperature output.

Calibration certificate (Only flow sensor)

Nil	None
A	With calibration certificate

* The certificate is written in both English and Japanese. Integrated display type with temperature sensor can only display flow rate.

Bracket (Option)

Nil	None
R	Bracket

Integrated display/Unit specification

Symbol	Instantaneous flow rate	Accumulated flow	Temperature
M	L/min	L	°C
G	gal/min	gal	°C
F	gal/min	gal	°F
J	L/min	L	°F

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

* G, F, J: Made to Order

Reference: 1 [L/min] ↔ 0.2642 [gal/min]
1 [gal/min] ↔ 3.785 [L/min]
°F = 9/5°C + 32

Lead wire (Option)

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

* The 25A-series specifications and dimensions are the same as those of the standard model. [Click here for details.](#)

Options/Part Nos.

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

Description	Part no	Qty.	Note
Bracket*1	25A-ZS-40-K	1	For PF3W704/720/504/520 With 4 tapping screws (3 x 8)
	25A-ZS-40-L	1	For PF3W740/540 With 4 tapping screws (3 x 8)
	25A-ZS-40-M	1	For PF3W711/511 With 4 tapping screws (4 x 10)
Lead wire with M8 connector	25A-ZS-40-A	1	Lead wire length (3 m)

*1 For units with flow adjustment valve, 2 brackets are required.

3-color display

Digital Flow Switch for PVC Piping

25A-PF3W Series € €

RoHS

How to Order

Remote sensor unit

Output specification

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

* To use in combination with remote monitor (PF3W3 series), select analog output of 1 to 5 V of flow rate (output symbol "-1").



Remote sensor unit

Integrated display

Series compatible with secondary batteries



Type	
5	Remote sensor unit
7	Integrated display

Rated flow range (Flow range)

Symbol	Rated flow range
11	10 to 100 L/min

Connection type

U	PVC pipe
---	----------

PVC pipe O.D.

Symbol	Port size	Pipe O.D.*1
25	25A	32 mm

*1 JIS K6742 equivalent

Integrated display Output specification

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

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

* The 25A- series specifications and dimensions are the same as those of the standard model.

[Click here for details.](#)

Options/Part Nos.

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

Description	Part no.	Qty.	Note
Bracket	25A-ZS-40-M	1	For PF3W711/511 With 4 tapping screws (4 x 10)
Lead wire with M8 connector	25A-ZS-40-A	1	Lead wire length (3 m)

Remote sensor unit/Unit printed on label

Symbol	Instantaneous flow rate
Nil	L/min
G*1	L/min (gal/min)

*1 Under the New Measurement Law, units other than SI (symbol: "Nil") 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 flow sensor)

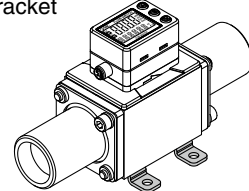
Nil	None
A	With calibration certificate

* The certificate is written in both English and Japanese.

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

Bracket (Option)

Nil	None
R	Bracket



Integrated display/Unit specification

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

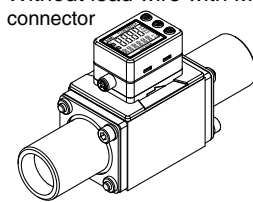
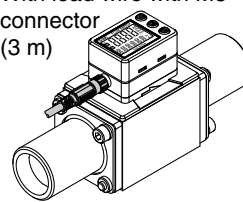
* Under the New Measurement Law, units other than SI (symbol: "M") cannot be used in Japan.

* G: Made to Order

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

Lead wire

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



Directional Control Valves

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