



## SWITCHOVER DOCUMENT

**PF3A7#H Series**  
Digital Flow Switch  
for Large Flow

## Improved features and related benefits

### Feature

- Flow ratio 100:1, wide range of flow measurement with one product (Covers large flow measurement range, detects leaks). (PF2A7 \* H is 20:1)

### Customer Benefit

- Control of the line process
- Application flexibility

### Feature

- 3-colour, 2-screen display. Manage instantaneous flow and accumulated flow at the same time
- Display rotates 90° and can be reversed

### Customer Benefit

- Easy monitoring (user friendly).



New PF3A7#H



Current  
PF2A7#H



New  
PF3A7#H



## Improved features and related benefits

### Feature

- Output specification: Analogue and external input

### Customer Benefit

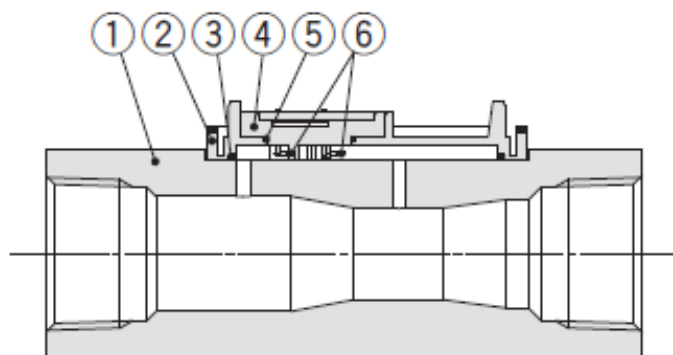
- Automated monitoring process

### Feature

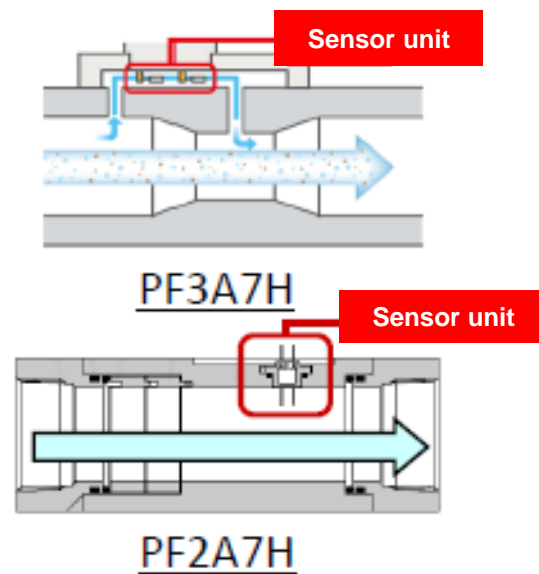
- Improved drainage and resistance to foreign matter
- Through bore construction
- Robust. All the parts in contact with the fluid in a unique aluminium alloy piece

### Customer Benefit

- Extended Life.



New PF3A7#H



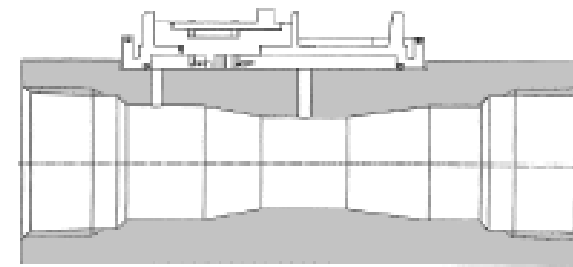
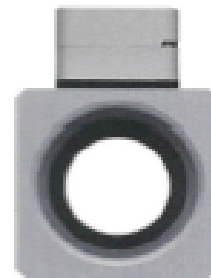
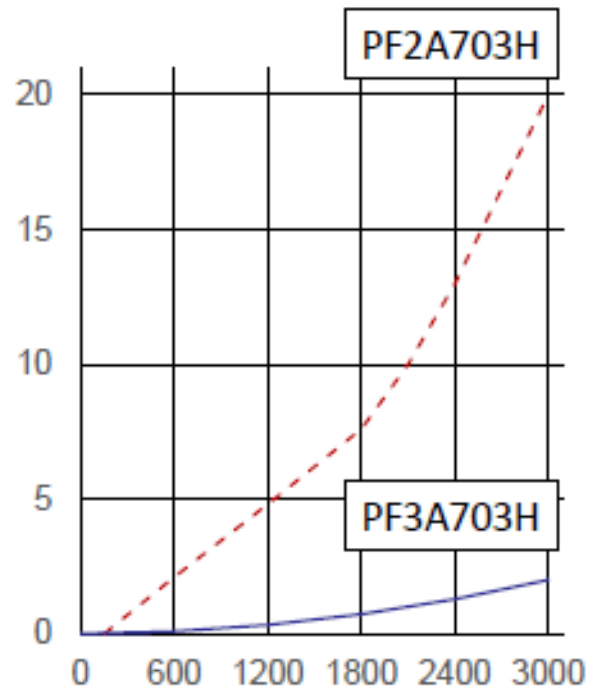
## Improved features and related benefits

### Feature

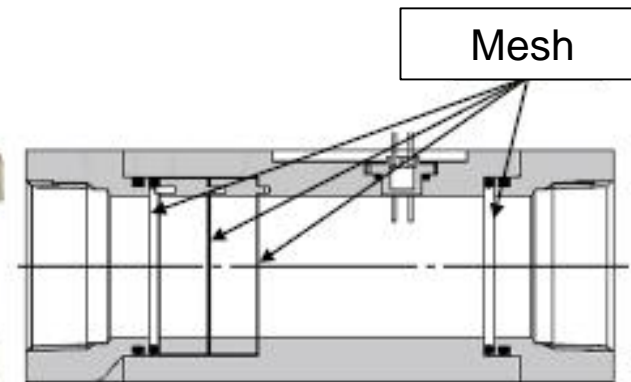
- Low pressure loss, 5 kPa or less

### Customer Benefit

- Energy Saving.





New PF3A7#H



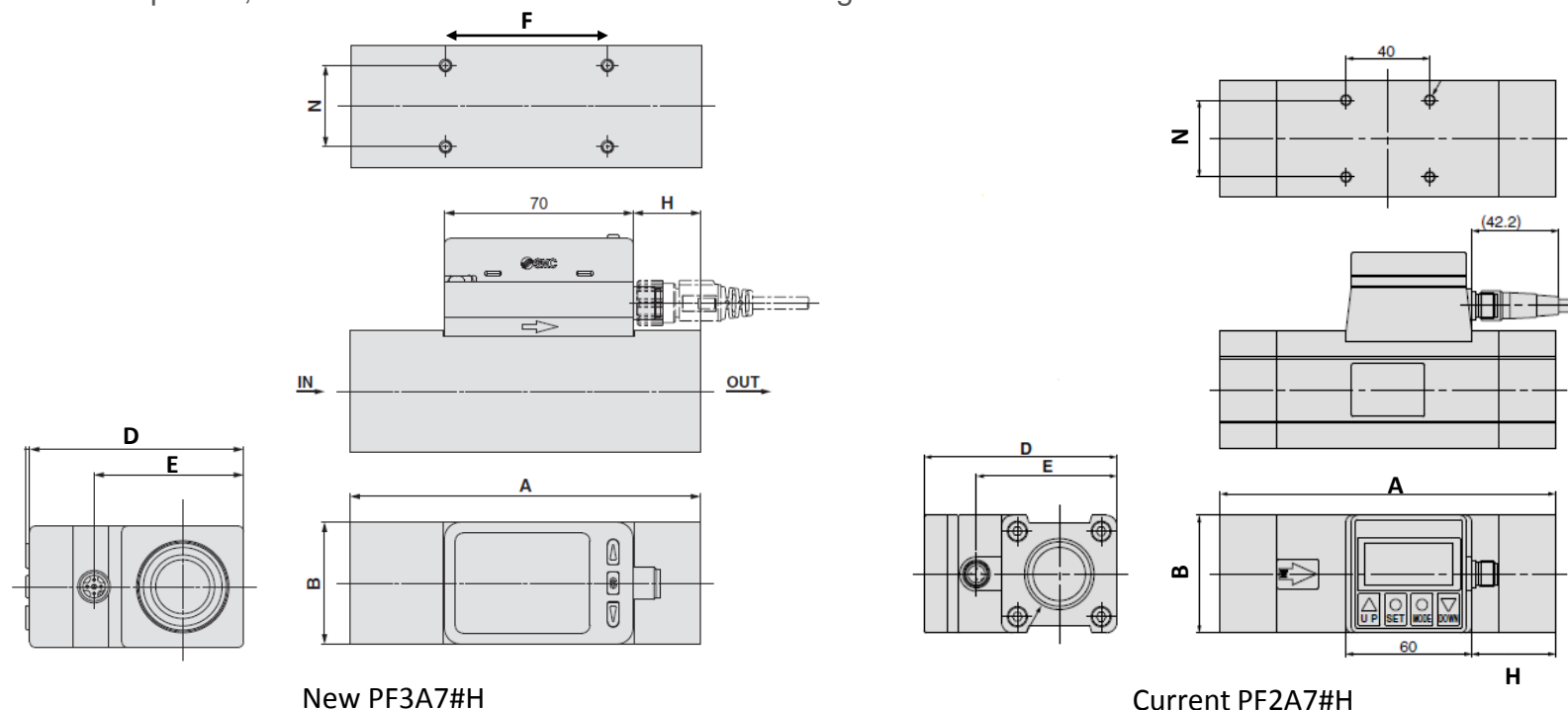
Current PF2A7#H

## Standard Specifications

Model		New Product Memo	Current PF2A7#H
			
Type		Integrated type	Integrated type
Rated Flow		30 to 3000 l/min. 60 to 6000 l/min. 120 to 12000 l/min.	150 to 3000 l/min. 300 to 6000 l/min. 600 to 12000 l/min.
Accumulated Range		999,999,999,999 L	9,999,999,999 L
Display Unit Resolution		2 l/min 5 l/min 10 l/min	5 l/min 10 l/min
Turndown ratio		100:1	20:1
Display		LCD (3-colour, 2-screen) Main: Red/Green Sub: Orange	LCD (Single-colour screen) Red
Power Supply Voltage		DC24V±10%	DC24V±10%
Output Specifications	Switch Output	NPN/PNP 1 Output	NPN/PNP 1 Output
	Analogue Output	4 to 20 mA	4 to 20 mA
	External Input	Yes (Switchable analogue output)	-
Response Time		1, 2, 5 sec	Fixed at 1 sec

## Dimensions

Port sizes are compatible, however face-to-face dimensions and height differ.



A [mm]		B [mm]		D [mm]		E [mm]		F [mm]		H [mm]		N [mm]	
New	Current	New	Current	New	Current	New	Current	New	Current	New	Current	New	Current
PF3A703H	PF2A703H	PF3A703H	PF2A703H	PF3A703H	PF2A703H	PF3A703H	PF2A703H	PF3A703H	PF2A703H	PF3A703H	PF2A703H	PF3A703H	PF2A703H
130	160	45	55	79.1	92	56	67	60	40	25	40	30	36
PF3A706H	PF2A706H	PF3A706H	PF2A706H	PF3A706H	PF2A706H	PF3A706H	PF2A706H	PF3A706H	PF2A706H	PF3A706H	PF2A706H	PF3A706H	PF2A706H
170	180	60	65	94.1	104	71	79	80	40	68	45	40	46
PF3A712H	PF2A712H	PF3A712H	PF2A712H	PF3A712H	PF2A712H	PF3A712H	PF2A712H	PF3A712H	PF2A712H	PF3A712H	PF2A712H	PF3A712H	PF2A712H
200	220	70	75	104.1	114	81	89	100	40	85	55	50	56

Difference in specifications