

# Flowline - Oil and Water Calibrated Flowmeters (Brass Version)

## Flowmeters

### Features & Benefits

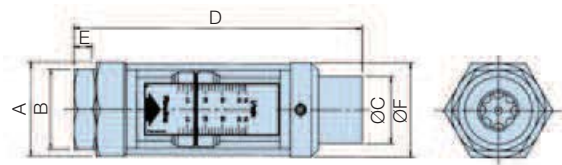


- Works in any plane.
- Pressure up to 350 bar (5000 psi).
- Flows up to 360 l/min.
- Accuracy  $\pm 5\%$  FSD.
- Repeatability  $\pm 1\%$  FSD.
- Direct reading.
- Relatively insensitive to viscosity changes.
- Oil or water calibrated.
- Optional reed switch upgrade.

### Specification

<b>Construction:</b> Brass body to BS 2874 CZ114.	<b>Viscosity range:</b> 10 to 200 cSt (oil).
<b>Maximum working pressure:</b> Up to 350 bar.	<b>Accuracy:</b> $\pm 5\%$ FSD.
<b>Minimum working pressure:</b> 1 bar.	<b>Repeatability:</b> $\pm 1\%$ FSD.
<b>Temperature range:</b> Brass $-20^{\circ}\text{C}$ to $+90^{\circ}\text{C}$ .	<b>Min. scale reading:</b> 10% FSD.
<b>Calibration:</b> Oil      Specific gravity 0.856 at $20^{\circ}\text{C}$ .	<b>Connections:</b> BSP parallel threads.
Water    Specific gravity 1.0 at $20^{\circ}\text{C}$ .	<b>Wetted/non-wetted parts:</b> Consult Parker for information.

1/4", 1/2" and 3/4" BSP thread options  
(1 1/4" version on next page)



Note: To add an electrically operated reed switch to your flowmeter please order B26307

### Ordering Information - Oil

#### Standard products table

Brass flowmeter for oil					Dimensions (mm)						Weight (kg)
Product number	Supersedes	Ports BSP	Flow range (l/min)	Maximum pressure (bar)	A (A/F Hex)	B (A/F Hex)	C	D	E	F	
FM26122212	FM.26 122 212	1/4	0.5 - 4.5	350	32	29	19	123	7	32	0.4
FM26122312	FM.26 122 312	1/4	1 - 9	350	32	29	19	123	7	32	0.4
<b>FM26222112</b>	<b>FM.26 222 112</b>	<b>1/2</b>	<b>2 - 20</b>	<b>350</b>	41	38	32	165.5	12.5	46	0.9
FM26222212	FM.26 222 212	1/2	5 - 46	350	41	38	32	165.5	12.5	46	0.9
FM26322112	FM.26 322 112	3/4	5 - 55	350	58	46	43	190	15	58	1.75
FM26322212	FM.26 322 212	3/4	10 - 110	350	58	46	43	190	15	58	1.75
FM26122112	FM.26 122 112	1/4	0.2 - 2.0	350	32	29	19	123	7	32	0.4
FM26422112	FM.26 422 112	1 1/4	20 - 180	210	For installation details for 1 1/4 flowmeters see next page						8.0
FM26422212	FM.26 422 212	1 1/4	30 - 270	210							8.0
FM26422312	FM.26 422 312	1 1/4	40 - 360	210							8.0

### Ordering Information - Water

#### Standard products table

Brass flowmeter for water					Dimensions (mm)						Weight (kg)
Product number	Supersedes	Ports BSP	Flow range (l/min)	Maximum pressure (bar)	A (A/F Hex)	B (A/F Hex)	C	D	E	F	
FM26222122	FM.26 222 122	1/2	2 - 20	350	41	38	32	165.5	12.5	46	0.9
FM26222222	FM.26 222 222	1/2	5 - 46	350	41	38	32	165.5	12.5	46	0.9
FM26322122	FM.26 322 122	3/4	5 - 55	350	58	46	43	190	15	58	1.75
FM26322222	FM.26 322 222	3/4	10 - 110	350	58	46	43	190	15	58	1.75
FM26122122	FM.26 122 122	1/4	0.2 - 2.0	350	32	29	19	123	7	32	0.4
FM26122222	FM.26 122 222	1/4	0.5 - 4.5	350	32	29	19	123	7	32	0.4
FM26122322	FM.26 122 322	1/4	1 - 9	350	32	29	19	123	7	32	0.4
FM26422122	FM.26 422 122	1 1/4	20 - 180	210	For installation details for 1 1/4 flowmeters see next page						8.0
FM26422222	FM.26 422 222	1 1/4	30 - 270	210							8.0
FM26422322	FM.26 422 322	1 1/4	40 - 360	210							8.0

Note 1: Part numbers featured with bold highlighted codes will ensure a 'standard' product selection.

Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.



# Flowline - Oil and Water Calibrated Flowmeters (Stainless Steel)

## Flowmeters

### Features & Benefits



- For flow measurement of corrosive or chemical media or in harsh locations.
- Manufactured in stainless steel 316.
- Works in any plane.
- Pressure up to 350 bar (5000 psi).
- Flows up to 360 l/min.
- Accuracy  $\pm 5\%$  FSD.
- Repeatability  $\pm 1\%$  FSD.
- Direct reading.
- Oil or water calibrated.
- Optional reed switch upgrade.

**1 1/4" BSP option**  
(1/4", 1/2" and 3/4" on previous page)

### Specification

**Construction:**  
Stainless steel to BS 970 316S.

**Maximum working pressure:**  
Up to 350 bar.

**Minimum working pressure:**  
1 bar.

**Temperature range:**  
-20°C to +105°C.

**Calibration:**  
Oil Specific gravity  
0.856 at 20°C.  
Water Specific gravity  
1.0 at 20°C.

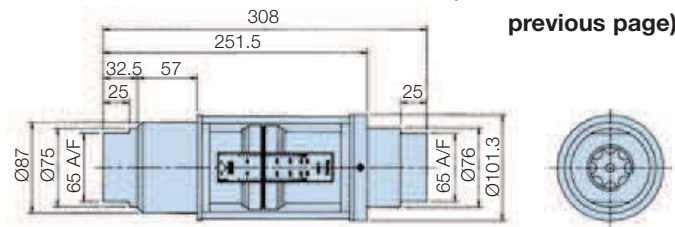
**Viscosity range:**  
10 to 200 cSt (oil).

**Accuracy:**  
 $\pm 5\%$  FSD.

**Repeatability:**  
 $\pm 1\%$  FSD.

**Min. scale reading:**  
10% FSD.

**Connections:**  
BSP parallel threads.



**Wetted parts:**  
Body, thread adaptor

**Piston, etc: cone locknut:**  
Stainless Steel.

**Flow cone:**  
BS 970 316S 16.

**Magnet encapsulation:**  
Stainless steel BS970/1:1991.  
:316S31.

**Spring:**  
Stainless steel to BS 2056 EN 58J.

**Seal:**  
Fluoroelastomer.

Note: To add an electrically operated reed switch to your flowmeter please order B26307

### Ordering Information - Oil

#### Standard products table

Stainless steel flowmeter for oil					Dimensions (mm)						Weight (kg)
Product number	Supersedes	Ports BSP	Flow range (l/min)	Maximum pressure (bar)	A (A/F Hex)	B (A/F Hex)	C	D	E	F	
<b>FM26232112</b>	FM.26 232 112	1/2	2 - 20	350	41	38	32	165.5	12.5	46	0.9
<b>FM26332112</b>	FM.26 332 112	3/4	5 - 55	350	58	46	43	190	15	58	1.75
<b>FM26332212</b>	FM.26 332 212	3/4	10 - 110	350	58	46	43	190	15	58	1.75
<b>FM26132112</b>	FM.26 132 112	1/4	0.2 - 2.0	350	32	29	19	123	7	32	0.4
<b>FM26132212</b>	FM.26 132 212	1/4	0.5 - 4.5	350	32	29	19	123	7	32	0.4
<b>FM26132312</b>	FM.26 132 312	1/4	1 - 9	350	32	29	19	123	7	32	0.4
<b>FM26232212</b>	FM.26 232 212	1/2	5 - 46	350	41	38	32	165.5	12.5	46	0.9
<b>FM26432112</b>	FM.26 432 112	1 1/4	20 - 180	350	For installation details for 1 1/4 flowmeters see above					8.0	
<b>FM26432212</b>	FM.26 432 212	1 1/4	30 - 270	350						8.0	
<b>FM26432312</b>	FM.26 432 312	1 1/4	40 - 360	350						8.0	

### Ordering Information - Water

#### Standard products table

Stainless steel flowmeter for water					Dimensions (mm)						Weight (kg)
Product number	Supersedes	Ports BSP	Flow range (l/min)	Maximum pressure (bar)	A (A/F Hex)	B (A/F Hex)	C	D	E	F	
<b>FM26132122</b>	FM.26 132 122	1/4	0.2 - 2.0	350	32	29	19	123	7	32	0.4
<b>FM26132222</b>	FM.26 132 222	1/4	0.5 - 4.5	350	32	29	19	123	7	32	0.4
<b>FM26132322</b>	FM.26 132 322	1/4	1 - 9	350	32	29	19	123	7	32	0.4
<b>FM26232122</b>	FM.26 232 122	1/2	2 - 20	350	41	38	32	165.5	12.5	46	0.9
<b>FM26232222</b>	FM.26 232 222	1/2	5 - 46	350	41	38	32	165.5	12.5	46	0.9
<b>FM26332122</b>	FM.26 332 122	3/4	5 - 55	350	58	46	43	190	15	58	1.75
<b>FM26332222</b>	FM.26 332 222	3/4	10 - 110	350	58	46	43	190	15	58	1.75
<b>FM26432122</b>	FM.26 432 122	1 1/4	20 - 180	350	For installation details for 1 1/4 flowmeters see above					8.0	
<b>FM26432222</b>	FM.26 432 222	1 1/4	30 - 270	350						8.0	
<b>FM26432322</b>	FM.26 432 322	1 1/4	40 - 360	350						8.0	

Note 1: Part numbers featured with bold highlighted codes will ensure a 'standard' product selection.

Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.



# Flowline - Flowswitches

## Flowmeters

### Features & Benefits



- ‘Boxed’ two-switch type.
- Intrinsically safe versions (supplied complete with flowmeter).
- Maximum/minimum switching models.
- Maximum working pressure 350 bar. (min 1 bar)
- Flows from 2.0 to 110 l/min.
- Stainless steel – suitable for corrosive fluids.
- Stainless steel to BS970 316516.

### Ordering Information

To order the required switching unit, simply add the appropriate prefix before the part numbers shown below.

#### Standard products table

Product number	Supersedes	Description	Switch Range (Typical)
<b>FS643222112</b>	FS.643 222 112	2 switches, 2 - 20 l/min (1/2 BSP) Oil	2 -12 l/min and 10-20 l/min
<b>FS643222212</b>	FS.643 222 212	2 switches, 5 - 46 l/min (1/2 BSP) Oil	6-24 l/m and 20-46 l/m
<b>FS643322112</b>	FS.643 322 112	2 switches, 5 - 55 l/min (3/4 BSP) Oil	5-30 l/min and 30-55 l/min
<b>FS643322212</b>	FS.643 322 212	2 switches, 10 - 110 l/min (3/4 BSP) Oil	10-50 l/min and 50-110 l/min

#### Product configurator

Brass flowswitch for oil or water		Flow range and (port size)		Fluid type		Switch Range (Typical)
Product number						
<b>FS643</b>	2 switches	<b>2221</b>	2 - 20 l/min (1/2 BSP)	<b>12</b>	Oil	2 -12 l/min and 10-20 l/min
FS67A	Intrinsically safe high switch	<b>2222</b>	5 - 46 l/min (1/2 BSP)	22	Water	20-24 l/m
FS67B	Intrinsically safe low switch	<b>3221</b>	5 - 55 l/min (3/4 BSP)			5-30 l/min
FS67C	Intrinsically safe hi/low switch	<b>3222</b>	10 - 110 l/min (3/4 BSP)			10-50 l/min and 50-110 l/min

#### Product configurator

Stainless steel flowswitch for oil or water		Flow range and (port size)		Fluid type		Switch Range (Typical)
Product number						
<b>FS643</b>	2 switches	<b>2321</b>	2 - 20 l/min (1/2 BSP)	<b>12</b>	Oil	2 -12 l/min and 10-20 l/min
FS67A	Intrinsically safe high switch	<b>2322</b>	5 - 46 l/min (1/2 BSP)	<b>22</b>	Water	24-46 l/m
FS67B	Intrinsically safe low switch	<b>3321</b>	5 - 55 l/min (3/4 BSP)			5-30 l/min
FS67C	Intrinsically safe hi/low switch	<b>3322</b>	10 - 110 l/min (3/4 BSP)			10-50 l/min and 50-110 l/min

#### Ordering example

Product number	Supersedes
<b>FS643332212</b>	<b>FS.643 332 212</b>

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Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.