

**Overview**

- Volume and velocity measurement in one sensor
- Especially precise and stable measurements with accuracies to 0.2%
- For media with conductivity > 5 µS/cm in closed systems
- Measurement range 0 ... 280 m³/h with tube diameter DN 3 ... 100
- Hygienic design with 3-A and FDA conformity
- No energy loss thanks to continuous measuring tube without constriction
- Graphic display CombiView DFON optionally available and programmable via touch screen or BCP software



Picture similar


**Technical data**
**Performance characteristics**

Measuring principle	Electromagnetic flow measurement
Nominal diameter range	DN 3 ... DN 100
Max. flow velocity	10 m/s
Max. measuring error	± 0.5 % o. r. ± 0.2 % o. r. , optional
Max. turndown ratio	1 : 1000
Measuring range, flow	0.1 ... 10 m/s 0 ... 288 m³/h
Media characteristics	≥ 5 µS/cm
Step response time	≤ 400 ms
Sampling interval	≤ 200 ms
Min. measuring span	0 ... 10.3 l/h
Damping	0.2 ... 1000 s
Repeatability	≤ 0.1 % o. r.

**Process conditions**

Process temperature	-20 ... 100 °C -20 ... 150 °C , remote version for water, other media on request
Process pressure	-1 ... 16 bar
SIP/CIP compatibility	< 30 min, in general @ medium temperature up to 130 °C

**Process connection**

Sensor tube material	AISI 304 (1.4301)
Wetted parts material	PTFE, Accofal 3G54, optional
Wetted parts material, process connection	AISI 316L (1.4404)
Wetted parts material, liner	PTFE
Wetted parts material, electrodes	AISI 316L (1.4404)

**Process connection**

Wetted parts material, gasket	FKM
Surface roughness wetted parts	Ra ≤ 0.8 µm
Connection variants	ISO 2852 (Tri-Clamp) / DIN 32676-B BS 4825-3 (ASME BPE) / DIN 32676-C SMS 1145 male thread, COP DIN 11851 (dairy pipe connection) DIN EN 10357 series A (DIN 11850-2), weldable pipe end In order to maintain compliance with 3-A Sanitary Standards for DIN 11851 these connections must be fitted with a special gasket from either SKS Komponenten System (SKS) B.V. or Asepto Star k- flex gasket from Kieselmann GmbH.

**Surface roughness (in contact with medium)**

Process connection	Ra ≤ 0.8 µm Ra ≤ 0.4 µm, optional
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**Ambient conditions**

Operating temperature range	-20 ... 80 °C , with DFON touch screen -20 ... 85 °C , without DFON touch screen
Storage temperature range	-20 ... 60 °C
Altitude	-200 ... 4000 m
Degree of protection (EN 60529)	IP 65 IP 67
Humidity	0 ... 100 %
Insulation resistance	> 100 MΩ
Insulation voltage	500 V DC

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## Technical data

### Output signal

 Digital output signal 1 x pulse / frequency / alarm  
 2 x pulse / frequency / alarm (optional)

 Analog output (optional) 0...20 mA  
 4...20 mA

Voltage drop 1.2 V DC

Relays 2 relays included in the display

 Load resistance  $\leq 500 \Omega$ ,  $V_s = 18 \text{ V DC}$   
 $\leq 1000 \Omega$ ,  $V_s = 30 \text{ V DC}$ 

Short circuit protection Yes

Reverse polarity protection Yes

Damping 0.2 ... 1000 s

Interface (optional) Hart

### Housing

 Style FlexHousing,  $\varnothing 80 \text{ mm}$   
 Bottom process connection

Overall size Refer to section "Dimensional drawings"

Material AISI 304 (1.4301)

### Electrical connection

 Connector M12-A, 5-pin, stainless steel  
 M12-A, 8-pin, stainless steel

 Cable gland M16x1.5, plastic  
 M16x1.5, stainless steel  
 M20x1.5, plastic  
 M20x1.5, stainless steel

### Power supply

Voltage supply range 18 ... 30 V DC

 Power consumption  $\leq 5 \text{ W}$ 

 Power-up time  $\leq 30 \text{ s}$ , standard use  
 $\leq 15 \text{ min}$ , warm-up for calibration

Reverse polarity protection Yes

Protection class III

### Compliance and approvals

 EMC IEC 61326-1  
 EN 61326-1

Hygiene 3-A (28-06)

## Operating conditions

Nominal diameter	Min. measuring span		Max. measuring span	
	l/h	gal/h	l/h	gal/h
DN3	0 ... 10.3	0 ... 2.7	0 ... 259	0 ... 68
DN6	0 ... 41.4	0 ... 10.9	0 ... 1037	0 ... 274
DN10	0 ... 115.2	0 ... 30.4	0 ... 2880	0 ... 761
DN15	0 ... 259.2	0 ... 68.5	0 ... 6480	0 ... 1712
DN20	0 ... 460.8	0 ... 121.7	0 ... 11520	0 ... 3043
DN25	0 ... 0.7 m <sup>3</sup> /h	0 ... 184.9 gal/h	0 ... 18 m <sup>3</sup> /h	0 ... 4755 gal/h
DN32	0 ... 1.2 m <sup>3</sup> /h	0 ... 317 gal/h	0 ... 29 m <sup>3</sup> /h	0 ... 7661 gal/h
DN40	0 ... 1.9 m <sup>3</sup> /h	0 ... 501.9 gal/h	0 ... 46 m <sup>3</sup> /h	0 ... 12152 gal/h
DN50	0 ... 2.9 m <sup>3</sup> /h	0 ... 766.1 gal/h	0 ... 72 m <sup>3</sup> /h	0 ... 19020 gal/h
DN65	0 ... 4.9 m <sup>3</sup> /h	0 ... 1294.4 gal/h	0 ... 122 m <sup>3</sup> /h	0 ... 32229 gal/h
DN80	0 ... 7.5 m <sup>3</sup> /h	0 ... 1981.3 gal/h	0 ... 184 m <sup>3</sup> /h	0 ... 48608 gal/h
DN100	0 ... 11.7 m <sup>3</sup> /h	0 ... 3090.8 gal/h	0 ... 288 m <sup>3</sup> /h	0 ... 76082 gal/h

Note: gal is defined as US liq. gal.

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## Display

### General information

Panel type	Graphical LCD
Display range	-9999 ... 99999
Max. digit height	22 mm
Material	Polycarbonate

### Ambient conditions

Optimal readability temperature range	-10 ... 70 °C
Operating temperature range	-20 ... 80 °C

### Input signal

Input signal from transmitter	Digital, 2-way for communication between transmitter and display
Update time	≤ 1 s , max. 0.3 s , typ.

### User configurable data

Error- / Warning-indication	Individually configurable display and backlight indication in white, green or red colour, steady or flashing light. Configurable limits over the range
Measuring unit	<ul style="list-style-type: none"> <li>µS/cm</li> <li>mS/cm</li> <li>%</li> <li>°C</li> <li>°F</li> <li>m<sup>3</sup>/h</li> <li>m/s</li> <li>l/h</li> <li>cm/s</li> <li>Hz</li> <li>kHz</li> </ul>
User defined measuring unit	8 × 20 pixel matrix

### Relays

Contacts	2 x solid state relays
Max. load current	75 mA
Max. switching voltage	60 V

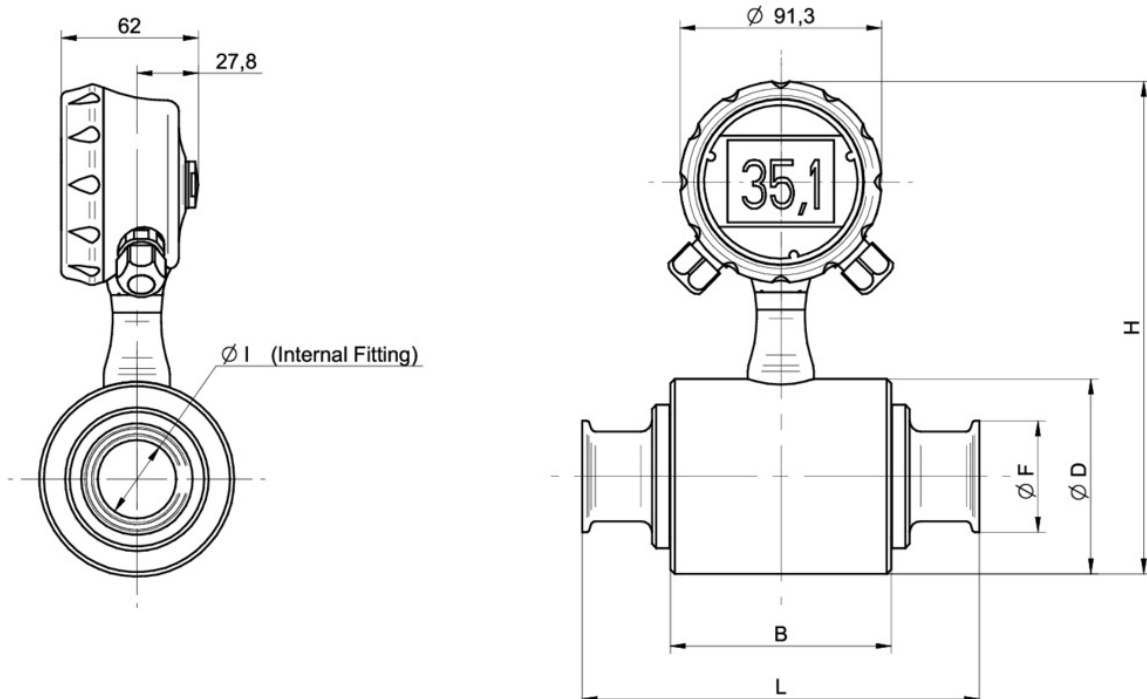
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### Dimensional drawings (mm)

Nominal diameter	Process connection	I	F	D	H	B	L
DN3	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	211 mm	77 mm	128 mm
DN6	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	211 mm	77 mm	128 mm
DN10	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	211 mm	77 mm	128 mm
DN15	ISO 2852 (Tri-Clamp)	17.2 mm	34 mm	76 mm	211 mm	77 mm	128 mm
DN20	ISO 2852 (Tri-Clamp)	21.3 mm	34 mm	76 mm	211 mm	77 mm	128 mm
DN25	ISO 2852 (Tri-Clamp)	22.6 mm	51 mm	89 mm	224 mm	100 mm	180 mm
DN40	ISO 2852 (Tri-Clamp)	35.6 mm	51 mm	108 mm	243 mm	100 mm	180 mm
DN50	ISO 2852 (Tri-Clamp)	48.6 mm	64 mm	129 mm	264 mm	100 mm	180 mm
DN65	ISO 2852 (Tri-Clamp)	60.3 mm	76 mm	140 mm	275 mm	100 mm	180 mm
DN80	ISO 2852 (Tri-Clamp)	72.9 mm	91 mm	156 mm	291 mm	100 mm	200 mm
DN100	ISO 2852 (Tri-Clamp)	97.6 mm	119 mm	168 mm	303 mm	100 mm	200 mm

Nominal diameter	Process connection	I	F	D	H	B	L
DN3	BS 4825-3	9.5 mm	25 mm	76 mm	211 mm	77 mm	128 mm
DN6	BS 4825-3	9.5 mm	25 mm	76 mm	211 mm	77 mm	128 mm
DN10	BS 4825-3	9.5 mm	25 mm	76 mm	211 mm	77 mm	128 mm
DN15	BS 4825-3	15.85 mm	25 mm	76 mm	211 mm	77 mm	128 mm
DN20	BS 4825-3	22.2 mm	51 mm	76 mm	211 mm	77 mm	128 mm
DN25	BS 4825-3	22.2 mm	51 mm	89 mm	211 mm	100 mm	180 mm
DN40	BS 4825-3	34.9 mm	51 mm	106 mm	224 mm	100 mm	180 mm
DN50	BS 4825-3	47.6 mm	64 mm	129 mm	249 mm	100 mm	180 mm
DN65	BS 4825-3	60.3 mm	76 mm	140 mm	275 mm	100 mm	180 mm
DN80	BS 4825-3	73.0 mm	91 mm	156 mm	275 mm	100 mm	200 mm
DN100	BS 4825-3	97.6 mm	119 mm	168 mm	303 mm	100 mm	200 mm

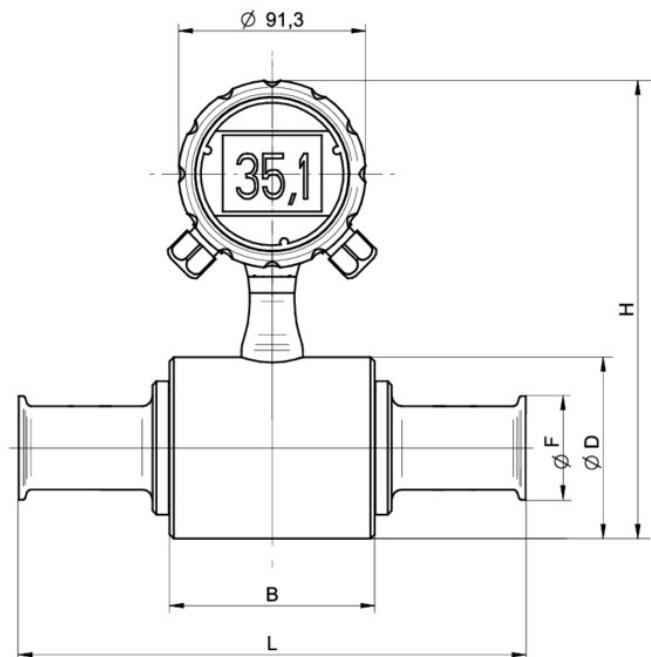
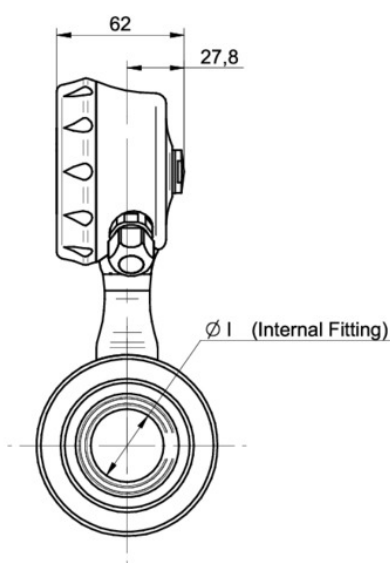


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### Dimensional drawings (mm)

Nominal diameter	Process connection	I	F	D	H	B	L
DN25	ISO 2852 (Tri-Clamp)	22.6 mm	51 mm	89 mm	224 mm	100 mm	250 mm
DN40	ISO 2852 (Tri-Clamp)	35.6 mm	51 mm	108 mm	243 mm	100 mm	250 mm
DN50	ISO 2852 (Tri-Clamp)	48.6 mm	64 mm	129 mm	264 mm	100 mm	250 mm
DN65	ISO 2852 (Tri-Clamp)	60.3 mm	76 mm	140 mm	275 mm	100 mm	250 mm
DN80	ISO 2852 (Tri-Clamp)	72.9 mm	91 mm	156 mm	291 mm	100 mm	250 mm
DN100	ISO 2852 (Tri-Clamp)	97.6 mm	119 mm	168 mm	303 mm	100 mm	250 mm



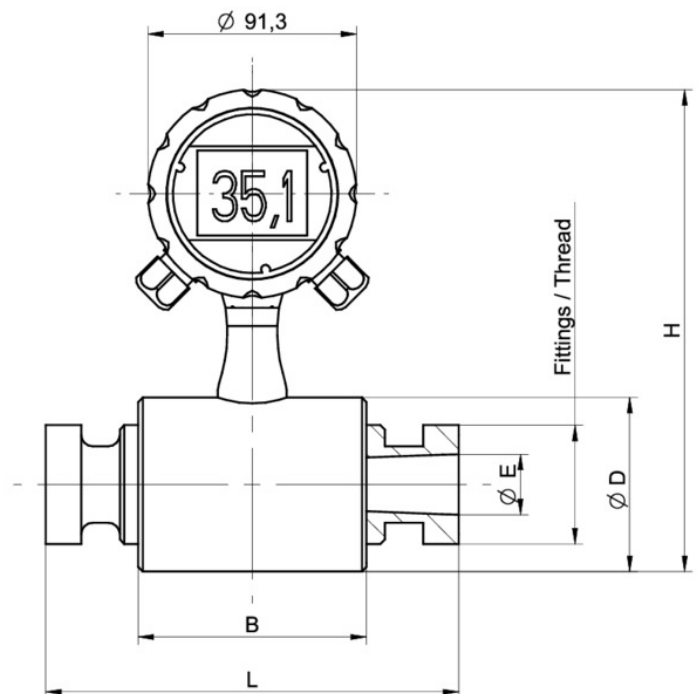
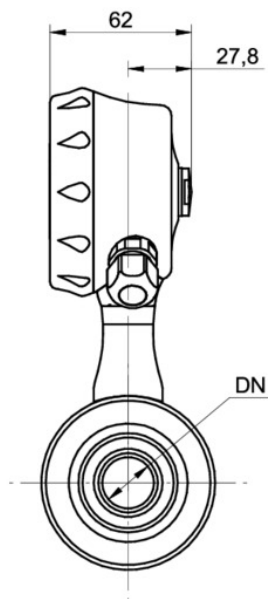
Nominal diameter	Process connection	Fitting	E	D	H	B	L
DN3	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	211 mm	77 mm	128 mm
DN6	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	211 mm	77 mm	128 mm
DN10	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	211 mm	77 mm	128 mm
DN15	DIN 11851 (dairy pipe connection)	DN15	16 mm	76 mm	211 mm	77 mm	128 mm
DN20	DIN 11851 (dairy pipe connection)	DN20	20 mm	76 mm	211 mm	77 mm	128 mm
DN25	DIN 11851 (dairy pipe connection)	DN25	26 mm	89 mm	211 mm	100 mm	180 mm
DN32	DIN 11851 (dairy pipe connection)	DN32	32 mm	89 mm	224 mm	100 mm	180 mm
DN40	DIN 11851 (dairy pipe connection)	DN40	38 mm	106 mm	224 mm	100 mm	180 mm
DN50	DIN 11851 (dairy pipe connection)	DN50	50 mm	129 mm	249 mm	100 mm	180 mm
DN65	DIN 11851 (dairy pipe connection)	DN65	66 mm	140 mm	275 mm	100 mm	180 mm
DN80	DIN 11851 (dairy pipe connection)	DN80	81 mm	156 mm	275 mm	100 mm	200 mm
DN100	DIN 11851 (dairy pipe connection)	DN100	100 mm	168 mm	303 mm	100 mm	200 mm

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### Dimensional drawings (mm)

Nominal diameter	Process connection	Fitting	E	D	H	B	L
DN10	SMS 1145 male thread	DN25	22.6 mm	76 mm	211 mm	77 mm	128 mm
DN15	SMS 1145 male thread	DN25	22.6 mm	76 mm	211 mm	77 mm	128 mm
DN20	SMS 1145 male thread	DN25	22.6 mm	76 mm	211 mm	77 mm	128 mm
DN25	SMS 1145 male thread	DN25	22.6 mm	89 mm	211 mm	100 mm	180 mm
DN40	SMS 1145 male thread	DN38	36.8 mm	106 mm	224 mm	100 mm	180 mm
DN50	SMS 1145 male thread	DN51	49.3 mm	129 mm	249 mm	100 mm	180 mm
DN65	SMS 1145 male thread	DN63	58.3 mm	140 mm	275 mm	100 mm	180 mm
DN80	SMS 1145 male thread	DN76	70.7 mm	156 mm	275 mm	100 mm	200 mm
DN100	SMS 1145 male thread	DN104	95.7 mm	168 mm	303 mm	100 mm	200 mm

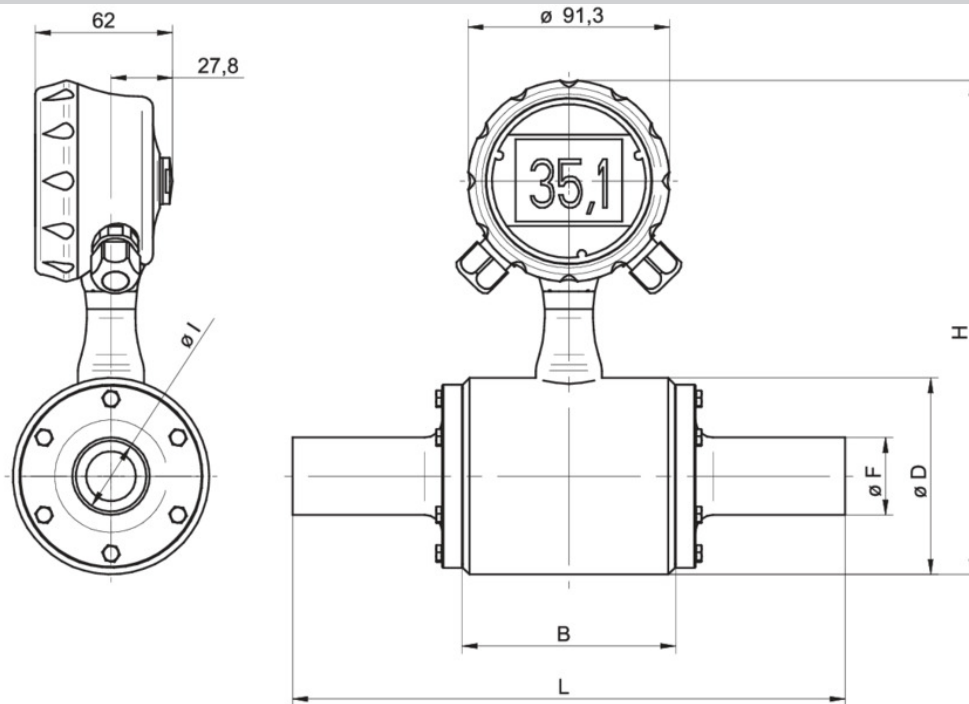


Nominal diameter	Process connection	I	F	D	H	B	L
DN25	DIN EN 10357 series A	26.0 mm	29 mm	89 mm	224 mm	100 mm	250 mm
DN32	DIN EN 10357 series A	32.0 mm	35 mm	89 mm	224 mm	100 mm	250 mm
DN40	DIN EN 10357 series A	38.0 mm	41 mm	108 mm	243 mm	100 mm	250 mm
DN50	DIN EN 10357 series A	50.0 mm	53 mm	129 mm	264 mm	100 mm	250 mm
DN65	DIN EN 10357 series A	66.0 mm	70 mm	140 mm	275 mm	100 mm	250 mm
DN80	DIN EN 10357 series A	81.0 mm	85 mm	156 mm	291 mm	100 mm	258 mm
DN100	DIN EN 10357 series A	100.0 mm	104 mm	168 mm	303 mm	100 mm	258 mm

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## Dimensional drawings (mm)



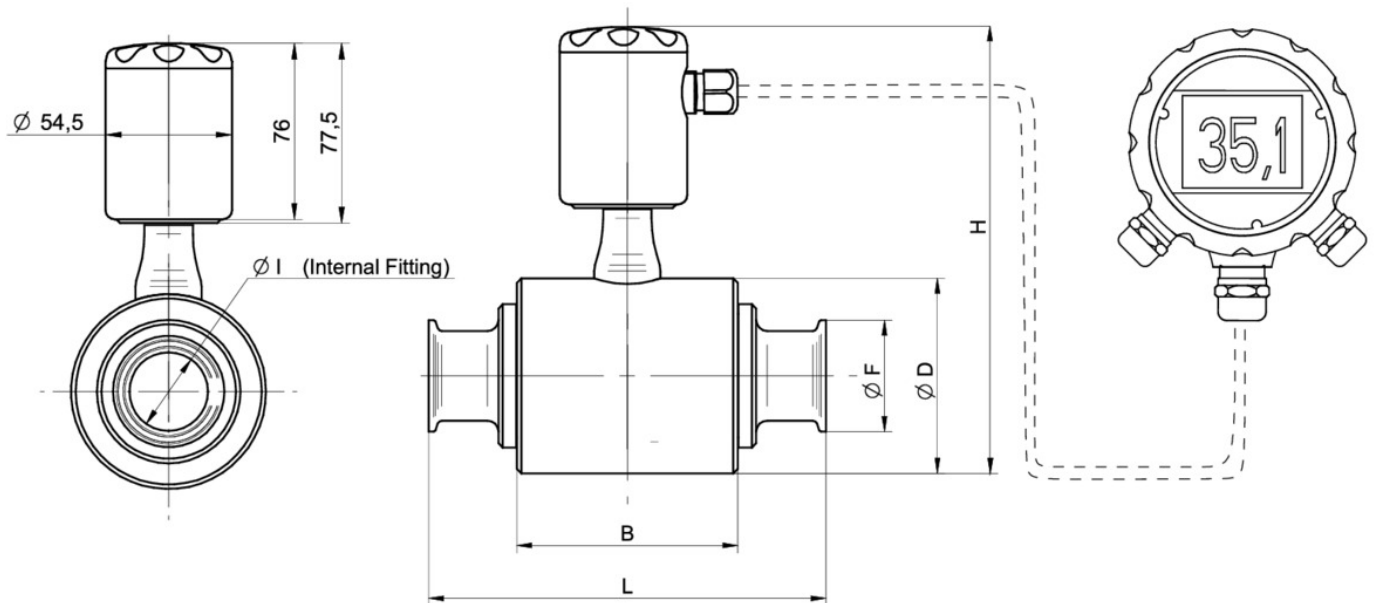
Nominal diameter	Process connection	I	F	D	H	B	L
DN3	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	197 mm	77 mm	128 mm
DN6	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	197 mm	77 mm	128 mm
DN10	ISO 2852 (Tri-Clamp)	12.7 mm	34 mm	76 mm	197 mm	77 mm	128 mm
DN15	ISO 2852 (Tri-Clamp)	17.2 mm	34 mm	76 mm	197 mm	77 mm	128 mm
DN20	ISO 2852 (Tri-Clamp)	21.3 mm	34 mm	76 mm	197 mm	77 mm	128 mm
DN25	ISO 2852 (Tri-Clamp)	22.6 mm	51 mm	89 mm	210 mm	115 mm	180 mm
DN40	ISO 2852 (Tri-Clamp)	35.6 mm	51 mm	108 mm	229 mm	121 mm	180 mm
DN50	ISO 2852 (Tri-Clamp)	48.6 mm	64 mm	129 mm	250 mm	121 mm	180 mm
DN65	ISO 2852 (Tri-Clamp)	60.3 mm	76 mm	140 mm	261 mm	121 mm	180 mm
DN80	ISO 2852 (Tri-Clamp)	72.9 mm	91 mm	156 mm	277 mm	121 mm	200 mm
DN100	ISO 2852 (Tri-Clamp)	97.6 mm	119 mm	168 mm	289 mm	121 mm	200 mm

Nominal diameter	Process connection	I	F	D	H	B	L
DN3	BS 4825-3	9.5 mm	25 mm	76 mm	197 mm	77 mm	128 mm
DN6	BS 4825-3	9.5 mm	25 mm	76 mm	197 mm	77 mm	128 mm
DN10	BS 4825-3	9.5 mm	25 mm	76 mm	197 mm	77 mm	128 mm
DN15	BS 4825-3	15.85 mm	25 mm	76 mm	197 mm	77 mm	128 mm
DN20	BS 4825-3	22.2 mm	51 mm	76 mm	197 mm	77 mm	128 mm
DN25	BS 4825-3	22.2 mm	51 mm	89 mm	197 mm	100 mm	180 mm
DN40	BS 4825-3	34.9 mm	51 mm	106 mm	210 mm	100 mm	180 mm
DN50	BS 4825-3	47.6 mm	64 mm	129 mm	235 mm	100 mm	180 mm
DN65	BS 4825-3	60.3 mm	76 mm	140 mm	261 mm	100 mm	180 mm
DN80	BS 4825-3	73.0 mm	91 mm	156 mm	261 mm	100 mm	200 mm
DN100	BS 4825-3	97.6 mm	119 mm	168 mm	289 mm	100 mm	200 mm

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## Dimensional drawings (mm)

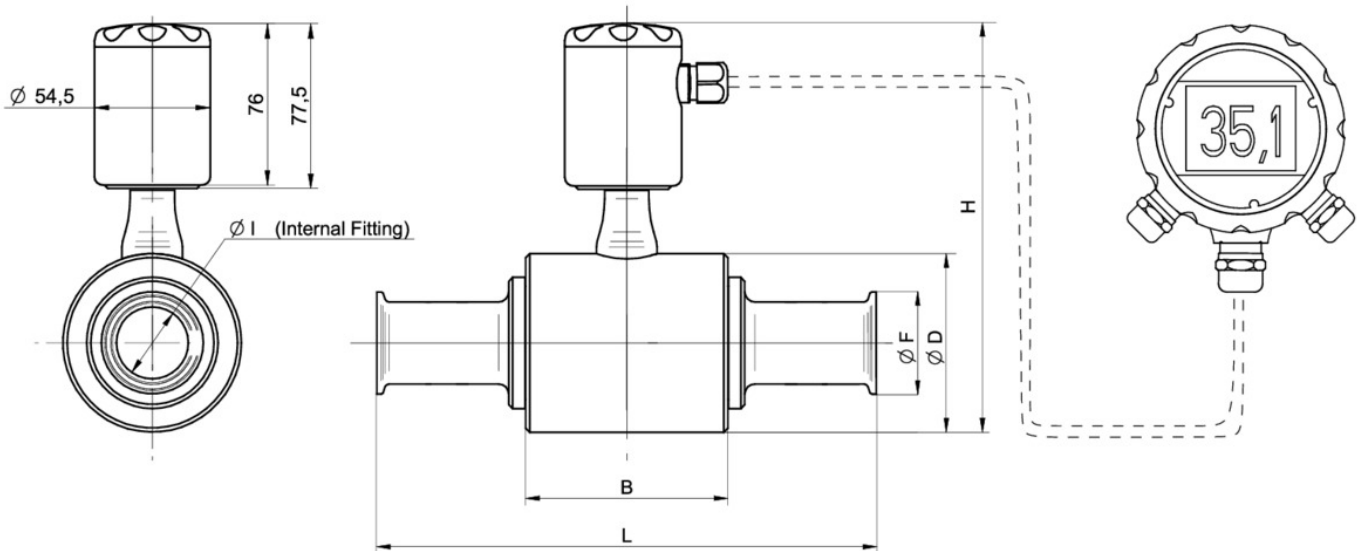


Nominal diameter	Process connection	I	F	D	H	B	L
DN25	ISO 2852 (Tri-Clamp)	22.6 mm	51 mm	89 mm	210 mm	100 mm	250 mm
DN40	ISO 2852 (Tri-Clamp)	35.6 mm	51 mm	108 mm	229 mm	100 mm	250 mm
DN50	ISO 2852 (Tri-Clamp)	48.6 mm	64 mm	129 mm	250 mm	100 mm	250 mm
DN65	ISO 2852 (Tri-Clamp)	60.3 mm	76 mm	140 mm	261 mm	100 mm	250 mm
DN80	ISO 2852 (Tri-Clamp)	72.9 mm	91 mm	156 mm	277 mm	100 mm	250 mm
DN100	ISO 2852 (Tri-Clamp)	97.6 mm	119 mm	168 mm	289 mm	100 mm	250 mm

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## Dimensional drawings (mm)



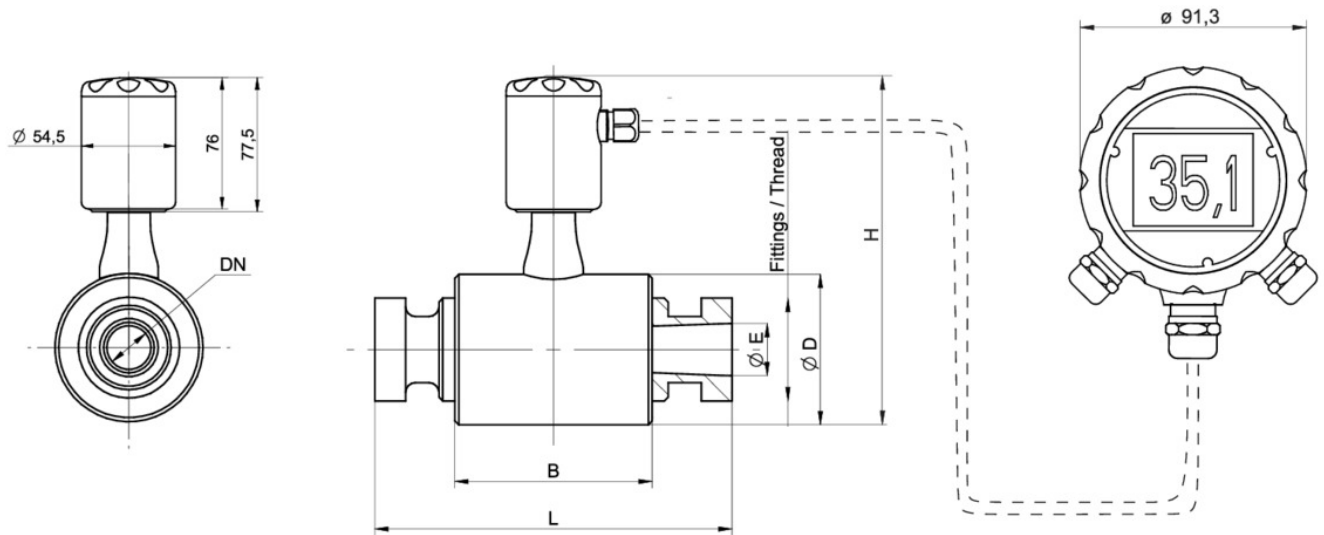
Nominal diameter	Process connection	Fitting	E	D	H	B	L
DN3	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	197 mm	77 mm	128 mm
DN6	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	197 mm	77 mm	128 mm
DN10	DIN 11851 (dairy pipe connection)	DN10	10 mm	76 mm	197 mm	77 mm	128 mm
DN15	DIN 11851 (dairy pipe connection)	DN15	16 mm	76 mm	197 mm	77 mm	128 mm
DN20	DIN 11851 (dairy pipe connection)	DN20	20 mm	76 mm	197 mm	77 mm	128 mm
DN25	DIN 11851 (dairy pipe connection)	DN25	26 mm	89 mm	197 mm	100 mm	180 mm
DN32	DIN 11851 (dairy pipe connection)	DN32	32 mm	89 mm	210 mm	100 mm	180 mm
DN40	DIN 11851 (dairy pipe connection)	DN40	38 mm	106 mm	210 mm	100 mm	180 mm
DN50	DIN 11851 (dairy pipe connection)	DN50	50 mm	129 mm	235 mm	100 mm	180 mm
DN65	DIN 11851 (dairy pipe connection)	DN65	66 mm	140 mm	261 mm	100 mm	180 mm
DN80	DIN 11851 (dairy pipe connection)	DN80	81 mm	156 mm	261 mm	100 mm	200 mm
DN100	DIN 11851 (dairy pipe connection)	DN100	100 mm	168 mm	289 mm	100 mm	200 mm

Nominal diameter	Process connection	Fitting	E	D	H	B	L
DN10	SMS 1145 male thread	DN25	22.6 mm	76 mm	197 mm	77 mm	128 mm
DN15	SMS 1145 male thread	DN25	22.6 mm	76 mm	197 mm	77 mm	128 mm
DN20	SMS 1145 male thread	DN25	22.6 mm	76 mm	197 mm	77 mm	128 mm
DN25	SMS 1145 male thread	DN25	22.6 mm	89 mm	210 mm	100 mm	180 mm
DN40	SMS 1145 male thread	DN38	36.8 mm	108 mm	229 mm	100 mm	180 mm
DN50	SMS 1145 male thread	DN51	49.3 mm	129 mm	250 mm	100 mm	180 mm
DN65	SMS 1145 male thread	DN63	58.3 mm	140 mm	261 mm	100 mm	180 mm
DN80	SMS 1145 male thread	DN76	70.7 mm	156 mm	277 mm	100 mm	200 mm
DN100	SMS 1145 male thread	DN104	95.7 mm	168 mm	289 mm	100 mm	200 mm

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## Dimensional drawings (mm)

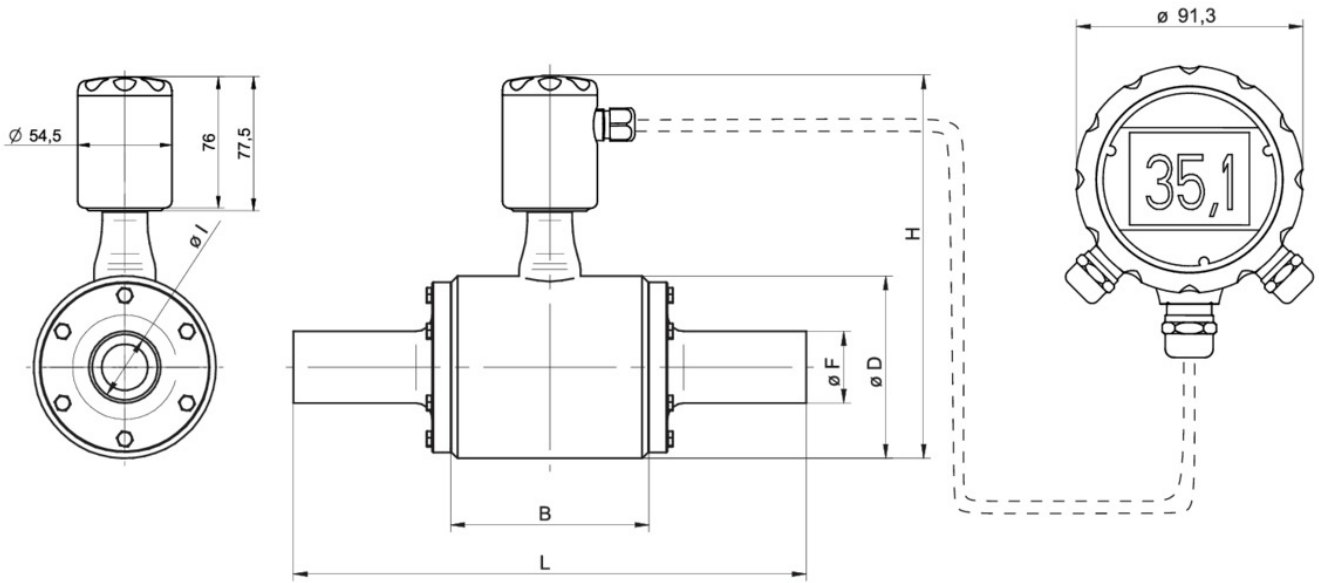


Nominal diameter	Process connection	I	F	D	H	B	L
DN25	DIN EN 10357 series A	26.0 mm	29 mm	89 mm	210 mm	100 mm	250 mm
DN32	DIN EN 10357 series A	32.0 mm	35 mm	89 mm	210 mm	100 mm	250 mm
DN40	DIN EN 10357 series A	38.0 mm	41 mm	108 mm	229 mm	100 mm	250 mm
DN50	DIN EN 10357 series A	50.0 mm	53 mm	129 mm	250 mm	100 mm	250 mm
DN65	DIN EN 10357 series A	66.0 mm	70 mm	140 mm	261 mm	100 mm	250 mm
DN80	DIN EN 10357 series A	81.0 mm	85 mm	156 mm	277 mm	100 mm	258 mm
DN100	DIN EN 10357 series A	100.0 mm	104 mm	168 mm	289 mm	100 mm	258 mm

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## Dimensional drawings (mm)

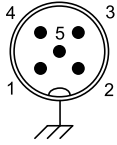


# PF75H

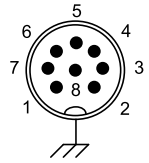
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## Electrical connection

### M12-A, 5-pin



### M12-A, 8-pin



### Left side connection (front view): M12-A, 5-pin

Function			Pin assignment
V <sub>DC</sub> <sup>+</sup>	Power supply +	18 ... 30 V DC	1
V <sub>DC</sub> <sup>-</sup>	Power supply -	18 ... 30 V DC	3
mA <sup>+</sup>	Analog output	4 ... 20 mA	2
IO-Link/SW	IO-Link/SW		4
GND	Earth		5

### Right side connection (front view): M12-A, 8-pin

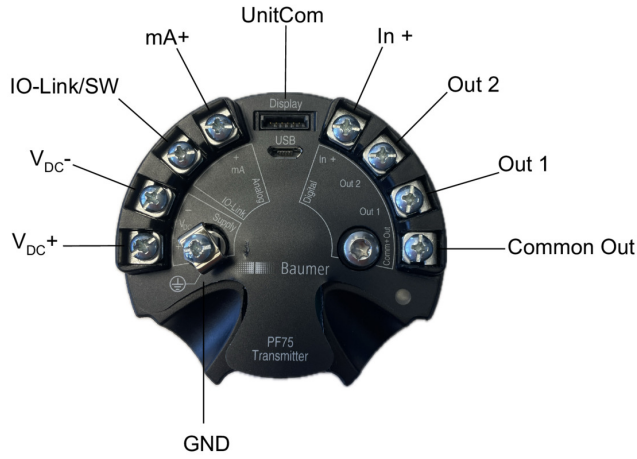
Function (without display)			Pin assignment
Out 1	Digital output 1	Selectable	1
Out 2	Digital output 2	Selectable	8
In +	Digital input	Selectable	2
Common Out	Input/output common +		7
		n.c.	5
		n.c.	6
		n.c.	3
		n.c.	4

### Function (with display)

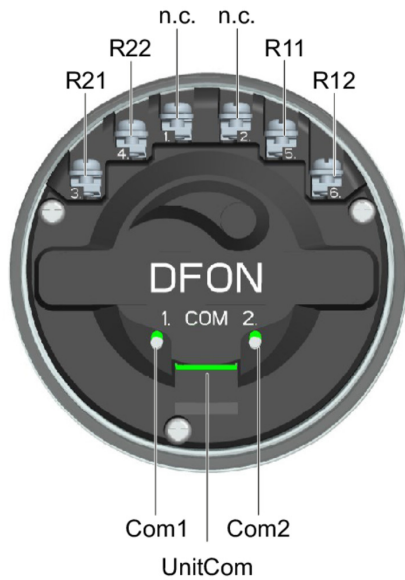
Function (with display)			Pin assignment
Out 1	Digital output 1	Selectable	1
Out 2	Digital output 2	Selectable	8
In +	Digital input	Selectable	2
Common Out	Input/output common +		7
R11	Relay 1		5
R12	Relay 1		6
R21	Relay 2		3
R22	Relay 2		4

**Electrical connection**

**Terminal assignment transmitter**



**Terminal assignment DFON display**



# PF75H

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## Ordering information

Ordering key - Configuration possibilities see website

	PF75H	-	5	#	#	#	#	#	#	#	#	3	#	1	#	#	2	1	1	2	#	1	1	0	#	0
<b>Product</b>	PF75H																									
<b>Housing</b>																										
Stainless steel 1.4301 / AISI304			5																							
Bottom connection																										
<b>Max. measurement error</b>																										
±0.5 % o.r																										
±0.2 % o.r																										
<b>Display</b>																										
Without display																										
With display, with activated relays																										
<b>Output signal analog</b>																										
Without																										
4 ... 20 mA																										
<b>Output signal digital</b>																										
1 x Active pulse / frequency output (programmable)																										
2 x Active pulse / frequency output (programmable)																										
<b>Interface</b>																										
Without																										
HART®																										
<b>Electrical connection</b>																										
1 x M12-A, 5-pin																										
2 x M16x1.5 cable gland																										
2 x M20x1.5 cable gland																										
1 x M12-A, 5-pin + 1 x M12-A, 8-pin																										
<b>Material of el. connection</b>																										
Plastic																										
Stainless steel, AISI 304 (1.4301)																										
<b>Converter version</b>																										
Compact																										
2 m																										
5 m																										
10 m																										
20 m																										
<b>Protection class</b>																										
IP65, IP67																										
<b>Process temperature (conti.)</b>																										
-20 ... 100 °C																										
-20 ... 150 °C																										
<b>Max. process pressure</b>																										
PN16																										

2025-12-02 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

**Ordering information**
**Ordering key - Configuration possibilities see website**

	PF75H	-	5	#	#	#	#	#	#	#	3	#	1	#	#	2	1	1	2	#	1	1	0	#	0		
<b>Nominal diameter</b>																											
DN3																										A	
DN6																										B	
DN10																										C	
DN15																										D	
DN20																										E	
DN25																										F	
DN32																										G	
DN40																										H	
DN50																										I	
DN65																										J	
DN80																										K	
DN100																										L	
<b>Process connection</b>																											
DIN 11851 (dairy pipe connection)																											3
ISO 2852 (Tri-Clamp)																											4
BS 4825-3																											5
SMS 1145 male thread																											6
DIN EN 10357 series A (DIN 11850-2), weldable pipe end																											7
<b>Sensor body and process connec</b>																											
AISI 316L																											2
<b>Liner material</b>																											
PTFE																											1
<b>Electrodes material</b>																											
AISI 316L																											1
<b>Number of electrodes</b>																											
Two electrodes																											2
<b>Surface finish</b>																											
Ra ≤ 0,8 µm																											A
Ra ≤ 0,4 µm																											C
<b>Sealing-/ O-ring material (int</b>																											
FKM																											1
<b>Special approvals</b>																											
3-A																											1
<b>Measuring Instr. Directive</b>																											
Without																											0
<b>Calibration certificate</b>																											
2 point calibration certificate (standard)																											0
3 point calibration certificate																											1
5 point calibration certificate																											2
10 point calibration certificate																											3
<b>Configuration / Parametrizatio</b>																											
Factory settings																											0

(1) The process connection DIN 11851 must be equipped with a special seal either from SKS Komponenten System (SKS) B.V. or Asepto Star k-flex seal from Kiesleemann GmbH in order to be hygienic  
 (2) SMS 1145 can only be used for COP (Cleaning out of place)