

ifm electronic



The right choice
for your application.
Flow sensors and
flow meters from ifm.

Flow sensors / flow meters

www.ifm.com

cm/s
l/min
Nm³/h



ifm electronic



Systems for flow monitoring

The optimum solution for every requirement

Absolute measurement



Magnetic-inductive

Flow meter system



Vortex

Flow meter system



Mechatronic

Flow meter system



Ultrasonic

Flow meter system



Thermal

Compressed air meters

Relative measurement



Thermal

Flow sensors



Thermal

Flow sensors

Accessories



	Sensor type	Measuring range flow [l/min; cm/s; Nm ³ /h]	Medium temperature range [°C]	Pressure range [bar]	Air, industrial gases Ar, N ₂ , CO ₂	Oil	Deionised water ⁴⁾	Cooling water ⁵⁾	Emulsion (oil-water mixture) glycol mixture ⁵⁾	Chemical liquids of low concentration ⁵⁾	Air bubbles	Fast temperature changes	Changes in viscosity	
														Suitable for media
														Influencing factors
SM	0.005... 900 ¹⁾	-10...70	16	-	-	-	✓	✓	✓	✓	✓	✓	4 - 5	Magnetic-inductive
SMxx50	0.1...100 ¹⁾	-10...70	16	-	-	-	✓	✓	✓	✓	✓	✓	4 - 5	Magnetic-inductive
SV	1...100 ¹⁾	-10...90	up to 12	-	-	✓	✓	✓	✓	✓	✓	-	6 - 7	Vortex
SVxx50	0.5...150 ¹⁾	-15...85	up to 12	-	-	✓	✓	✓	✓	✓	✓	-	6 - 7	Vortex
SBY/SBG	0.1...200 ¹⁾	-10...100	up to 40	-	✓	-	✓	-	-	✓	✓	✓	8 - 9	Mechatronic
SBT	0.3...50 ¹⁾	10...180	up to 25	-	✓	-	✓	-	-	✓	✓	✓	8 - 9	Mechatronic
SBU	0.1...75 ¹⁾	0...60	200	-	✓	-	-	-	-	-	-	-	8 - 9	Mechatronic
SU	0.1...200 ¹⁾	-10...80	16	-	✓	✓	✓	✓	✓	-	✓	✓	10 - 11	Ultrasonic
SD	to 28,000 ³⁾	0...60	16	✓	-	-	-	-	-	-	-	-	12 - 13	Thermal
SI5xxx	3...100 ²⁾	-25...80	30 / 300	✓	✓	✓	✓	✓	✓	✓	-	✓	14 - 19	Thermal
SR/SN	3...100 ²⁾	-10...120	30 / 300	✓	✓	✓	✓	✓	✓	✓	-	✓	14 - 19	Thermal
SA	3...300 ²⁾	-20...100	up to 100	✓	✓	✓	✓	✓	✓	✓	✓	✓	20 - 21	Thermal
													22 - 23	Accessories

¹⁾ l/min ²⁾ cm/s ³⁾ Nm³/h ⁴⁾ < 20 µS/cm ⁵⁾ > 20 µS/cm

✓ limited suitability ✓ good suitability



For industrial applications

Ready for use:

efector *mid* measures liquids up to 900 l/min with a conductivity from 20 µS/cm and temperatures of -10...70 °C.

Vibration-resistant:

Electronics and display integrated into one housing.

Variable:

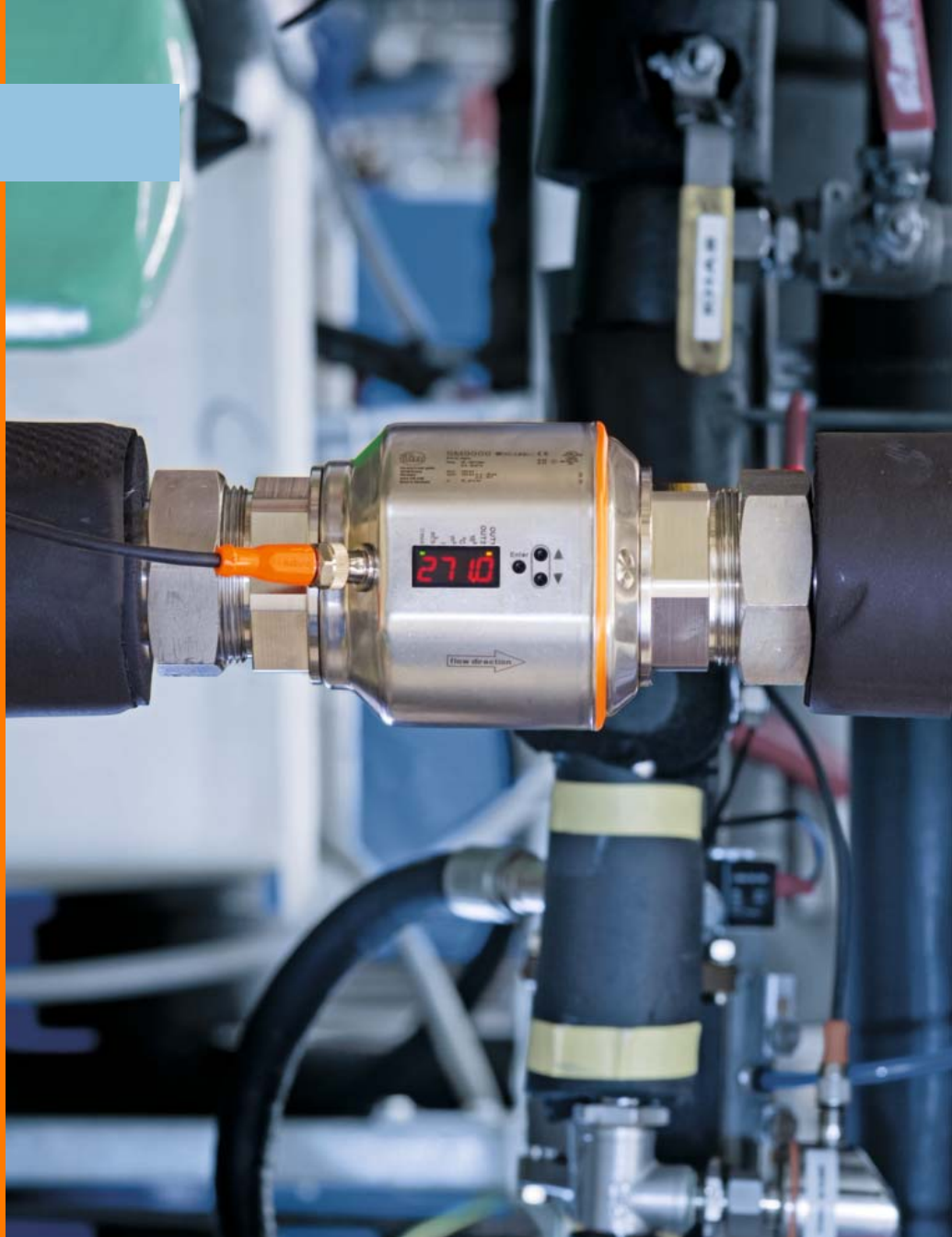
Can be used for different flow directions.

Versatile:

With flow rate, total quantity and temperature display as well as simulation mode and IO-Link.

Simple:

Ready for use straight from the factory.



Flow meters type SM

Version with display.

Pressure-resistant up to 16 bar.

Easy and intuitive to use via push-buttons.

IO-Link.

Lasered serial number.

As an option also with factory calibration certificate, order no. ZC0004.

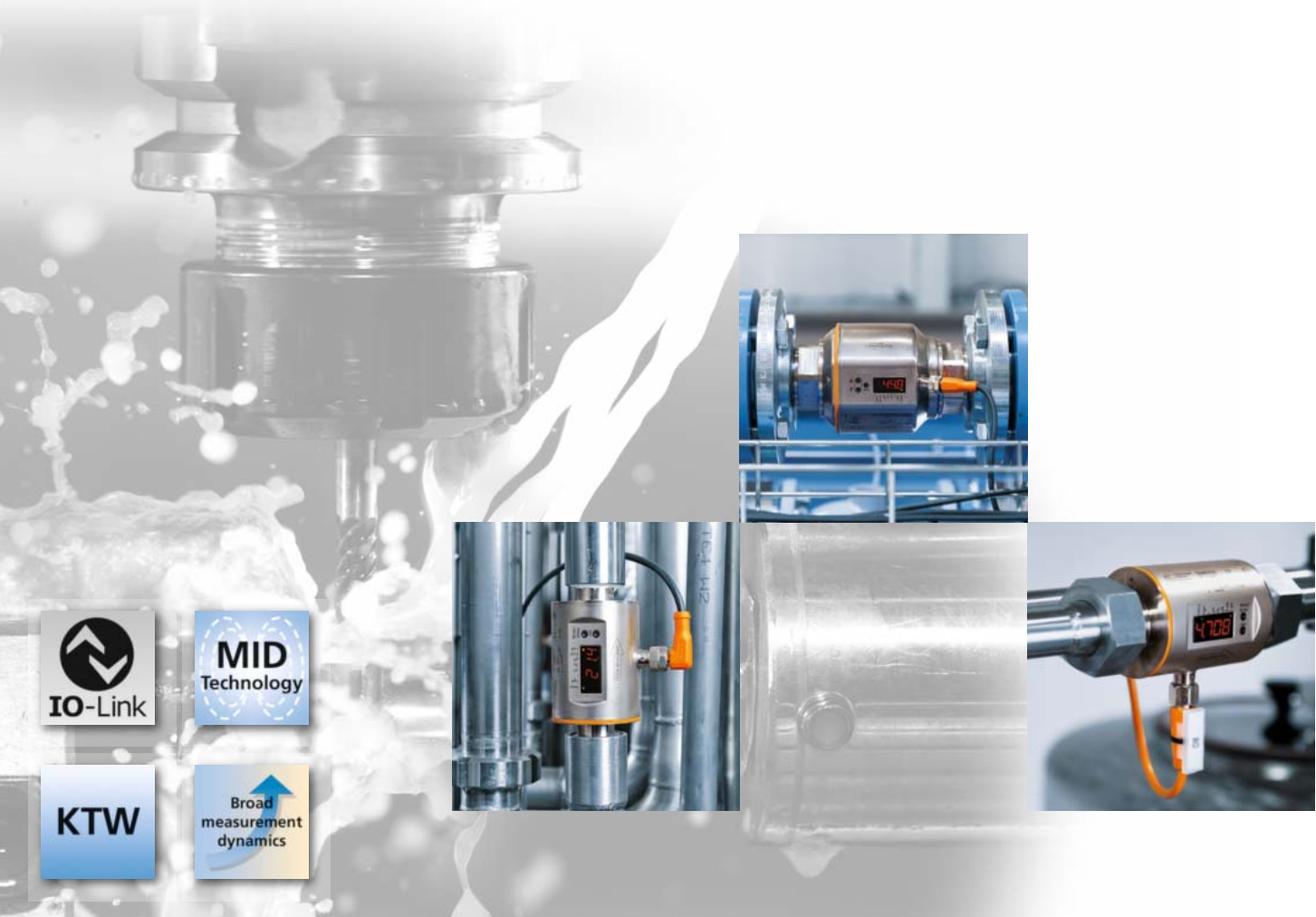


Measuring range [l/min]	Pressure rating [bar]	Process connection	Sealing material	Empty pipe detection	Order no.
Pulse totaliser- DC NPN / PNP · analogue					
0.1...25	16	G 1/2	FKM	–	SM6000
0.2...50	16	G 3/4	FKM	–	SM7000
0.2...100	16	G 1	FKM	–	SM8000
5...300	16	G 2	FKM	•	SM9000
5...600	16	G 2	FKM	•	SM2000
5...900	16	G 2	FKM	•	SM0510
0.1...25	16	G 1/2	EPDM	–	SM6100
0.2...50	16	G 3/4	EPDM	–	SM7100
0.2...100	16	G 1	EPDM	–	SM8100
5...300	16	G 2	EPDM	•	SM9100
5...600	16	G 2	EPDM	•	SM2100
2 analogue outputs flow / temperature					
0.1...25	16	G 1/2	FKM	–	SM6004
0.2...50	16	G 3/4	FKM	–	SM7004
0.2...100	16	G 1	FKM	–	SM8004
5...300	16	G 2	FKM	•	SM9004
5...600	16	G 2	FKM	•	SM2004



Absolute measurement

Magnetic-inductive flow meters for water and emulsions



Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Flow meters type SM
Version without display.
Pressure-resistant up to 16 bar.



Measuring range [l/min]	Pressure rating [bar]	Process connection	Sealing material	Order no.
1 analogue output flow				
0.1...25	16	G 1/2	FKM	SM6050
0.2...50	16	G 3/4	FKM	SM7050
0.2...100	16	G 1	FKM	SM8050

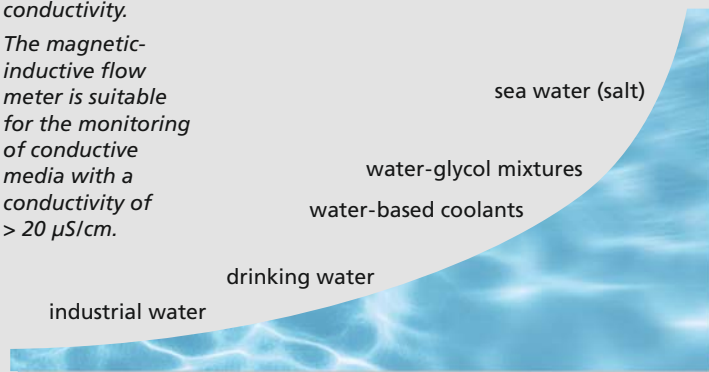
Thermal

Thermal

Thermal

Accessories

Media have a different electrical conductivity. The magnetic-inductive flow meter is suitable for the monitoring of conductive media with a conductivity of $> 20 \mu S/cm$.



For process adapters please see pages 22 - 23



For industrial applications

Long-term stability:

No moving parts.

Combined measurement:

With integrated temperature measurement and IO-Link.

Versatile:

Can be used for water with and without conductivity.

Variable:

Devices with and without display.

Application-specific:

Ideal for use in the automotive and solar industries.

Unambiguous:

Individual serial number.



Flow meters type SV

Electronically rotatable multi-colour display.

Pressure-resistant up to 12 bar.

Medium temperature -10...90 °C.

Rotatable process connection.

IO-Link.



Measuring range [l/min]	Pressure rating [bar]	Process connection	Sealing material	Order no.
DC · 2 analogue outputs 4...20 mA				
1...20	up to 12	G 1/2	FKM	SV4204
1...20	up to 12	Rc 1/2	FKM	SV4504
2...40	up to 12	G 1/2	FKM	SV5204
2...40	up to 12	Rc 1/2	FKM	SV5504
5...100	up to 12	G 3/4	FKM	SV7204
5...100	up to 12	Rc 3/4	FKM	SV7504
DC 2 PNP / NPN frequency · IO-Link				
1...20	up to 12	G 1/2	FKM	SV4200
1...20	up to 12	Rc 1/2	FKM	SV4500
2...40	up to 12	G 1/2	FKM	SV5200
2...40	up to 12	Rc 1/2	FKM	SV5500
5...100	up to 12	G 3/4	FKM	SV7200
5...100	up to 12	Rc 3/4	FKM	SV7500

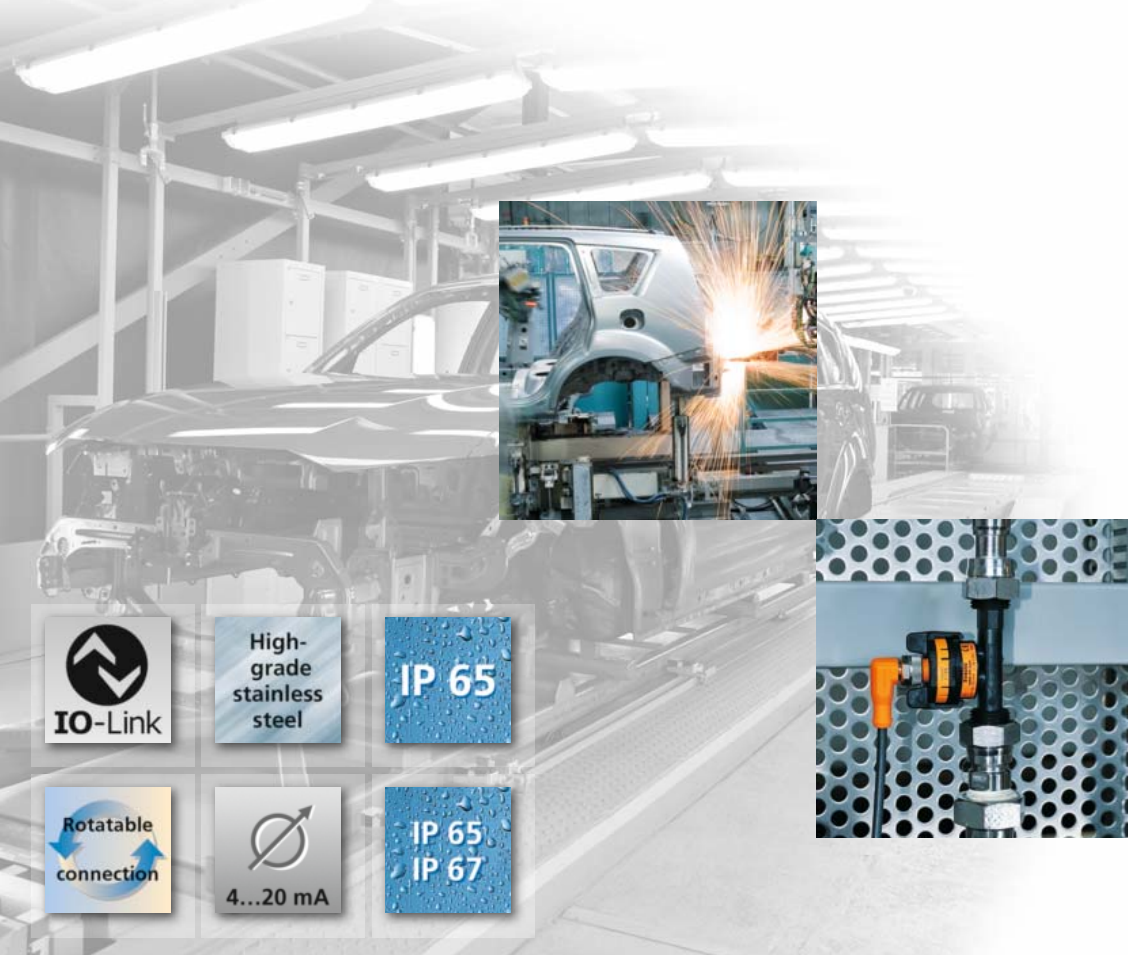
For process adapters please see pages 22 - 23





Absolute measurement

Vortex flow meters for water with and without conductivity



-  IO-Link
-  High-grade stainless steel
-  IP 65
-  Rotatable connection
-  4...20 mA
-  IP 65
IP 67

Flow meters type SV
 Version without display.
 Medium temperature -40...100.
 Integrated temperature measurement.
 Analogue output 4...20 mA.
 Voltage supply 8...33 V.



Measuring range [l/min]	Process connection	Sealing material	Order no.
0.5...10	G 1/2	FKM	SV3050
0.9...15	G 1/2	FKM	SV4050
1.8...32	G 3/4	FKM	SV5050
3.5...50	G 3/4	FKM	SV6050
5...85	G 1	FKM	SV7050
9...150	G 1 1/4	FKM	SV8050
0.5...10	G 1/2	EPDM	SV3150
0.9...15	G 1/2	EPDM	SV4150
1.8...32	G 3/4	EPDM	SV5150
3.5...50	G 3/4	EPDM	SV6150
5...85	G 1	EPDM	SV7150
9...150	G 1 1/4	EPDM	SV8150

- Magnetic-inductive
- Vortex
- Mechatronic
- Ultrasonic
- Thermal
- Thermal
- Thermal
- Accessories



For industrial applications

Long-term stability:

Guaranteed 10 million switching cycles.

Space-saving:

No laminar flow required.

Independent:

No influence by pressure and temperature fluctuations.

Variable:

Installation independent of orientation.

Combined measurement:

Integrated temperature measurement.

Fast:

Very fast response time of ≤ 10 ms.



Mechatronic flow meters type SBY

Version with display.

Sensing head rotatable by 360°.

Easy switch-point setting via display.

3-pushbutton operating concept.

Protection rating IP 65 and IP 67.



Version without display and without temperature measurement.



Measuring range [l/min]	Pressure rating [bar]	Process connection	Order no.	Process connection	Order no.
Display · IO-Link · PNP / NPN · analogue · frequency					
0.3...15	40	Rp 3/4	SBY232	G 1/2	SBG232
0.5...25	40	Rp 3/4	SBY233	G 1/2	SBG233
1...50	40	Rp 3/4	SBY234	G 1/2	SBG234
2...100	25	Rp 1	SBY246	G 3/4	SBG246
4...200	25	Rp 1 1/2	SBY257	G 1 1/4	SBG257
DC · 1 analogue output 4...20 mA					
0.3...15	40	Rp 3/4	SBY432	G 1/2	SBG432
1...25	40	Rp 3/4	SBY433	G 1/2	SBG433
2...50	40	Rp 3/4	SBY434	G 1/2	SBG434
4...100	25	Rp 1	SBY446	G 3/4	SBG446
8...200	25	Rp 1 1/2	SBY457	G 1 1/4	SBG457
DC PNP binary					
0.2...4	80	Rp 1/2	SBY321		
1...15	40	Rp 3/4	SBY332	G 1/2	SBG332
1...25	40	Rp 3/4	SBY333	G 1/2	SBG333
2...50	40	Rp 3/4	SBY334	G 1/2	SBG334
5...100	25	Rp 1	SBY346	G 3/4	SBG346
20...200	25	Rp 1 1/2	SBY357	G 1 1/4	SBG357



Absolute measurement

Mechatronic flow sensors for water, emulsions and oils



IO-Link

Broad measurement dynamics

IP 65
IP 67

4...20 mA

Vibration and shock resistant

- Magnetic-inductive
- Vortex
- Mechatronic
- Ultrasonic
- Thermal
- Thermal
- Thermal
- Accessories

Mechatronic flow meters type SBT
Version without display.
Protection rating IP 65 / IP 67.
For high temperatures up to 180 °C.



Measuring range [l/min]	Pressure rating [bar]	Process connection	Order no.
High temperature up to 180 °C			
DC · 1 analogue output 4...20 mA			
0.3...25	15 (25 ¹⁾)	Rp 3/4	SBT633
0.3...50	15 (25 ¹⁾)	Rp 3/4	SBT634

Mechatronic flow meters type SBU
Version without display.
Protection rating IP 65 / IP 67.
For high pressures up to 200 bar.
High sensitivity with small flow rates.



Measuring range [l/min]	Pressure rating [bar]	Process connection	Order no.
High pressure up to 200 bar			
Analogue · voltage			
0.3...25	200	G 1/2	SBU623
0.3...50	200	G 1/2	SBU624
1 switching output			
0.3...25	200	G 1/2	SBU323
0.3...50	200	G 1/2	SBU324

¹⁾ at max. 85 °C



For industrial applications

Versatile:

Suitable for water, oils, glycol and deionised water up to a flow rate of 200 l/min.

Variable:

Binary, analogue or pulse output for signal processing.

Combined measurement:

Integrated temperature measurement and totaliser function.



Flow meters type SU

For industrial applications.

Protection rating IP 67.

As an option also with factory calibration certificate, order no. ZC0004.

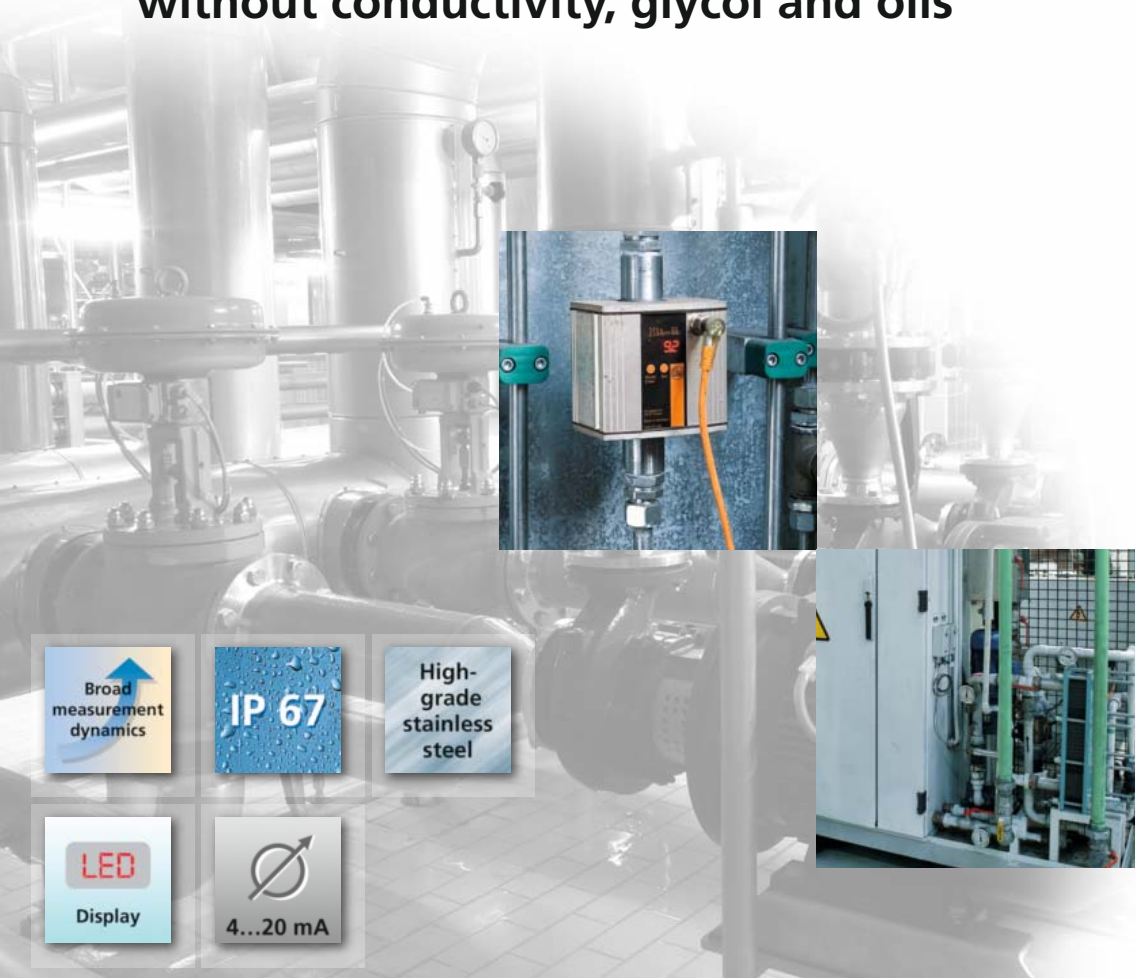


Measuring range [l/min]	Pressure rating [bar]	Process connection	Totaliser function	Order no.
Binary, analogue or pulse output				
0...50	16	G 3/4	•	SU7000
0...50	16	G 3/4	–	SU7200
0...100	16	G 1	•	SU8000
0...100	16	G 1	–	SU8200
0...200	16	G 1 1/4	•	SU9000
2 analogue outputs				
0...200	16	G 1 1/4	•	SU9004



Absolute measurement

Ultrasonic flow meters optimised for water with and without conductivity, glycol and oils



Broad measurement dynamics

IP 67

High-grade stainless steel

LED Display

4...20 mA

Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Thermal

Thermal

Thermal

Accessories



For process adapters please see pages 22 - 23

Technical data and prices?
www.ifm.com



For industrial applications

Precise:

High precision and repeatability.

Versatile:

Integrated totaliser for measuring the total consumption. Additional temperature measurement.

Specific:

Versions for the measurement of industrial gases such as Ar, N₂, CO₂.

Accurate:

Detection of very small leaks.

Variable:

Versions available that are mounted on a fixed laminar pipe and without fixed pipe.



Compressed air meters type SD

For industrial applications.

Protection rating IP 65.

With local display.

As an option also with factory calibration certificate, order no. ZC0020.

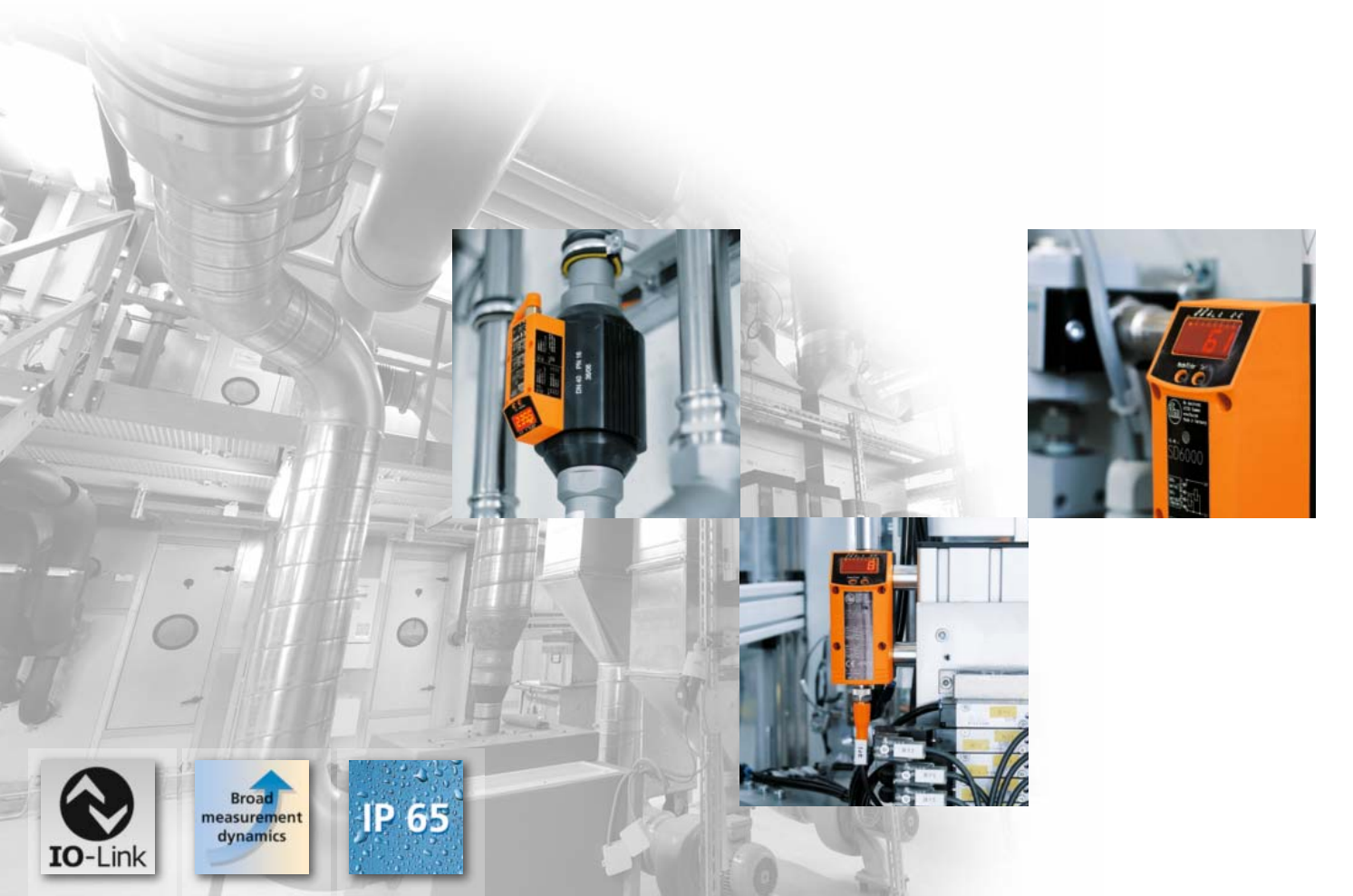


Measuring range [Nm ³ /h]	Pressure rating [bar]	Process connection	Order no.
Defined pipe length for compressed air in industrial use			
2.3...700	16	R 2 (DN50)	SD2000
0.04...15	16	G 1/4 (DN8)	SD5000
0.2...75	16	R 1/2 (DN15)	SD6000
0.7...225	16	R 1 (DN25)	SD8000
1.3...410	16	R1 1/2 (DN40)	SD9000
Defined pipe length for industrial gases			
N ₂ : 0.04...15 Ar: 0.08...24.04 CO ₂ : 0.04...14.36	16	G 1/4 (DN8)	SD5100
N ₂ : 0.24...73 Ar: 0.39...118.2 CO ₂ : 0.24...71.7	16	R 1/2 (DN15)	SD6100
N ₂ : 0.8...225.0 Ar: 1.2...366.6 CO ₂ : 0.8...223.6	16	R 1 (DN25)	SD8100



Absolute measurement

Thermal compressed air meters for air and industrial gases



Magnetic-inductive

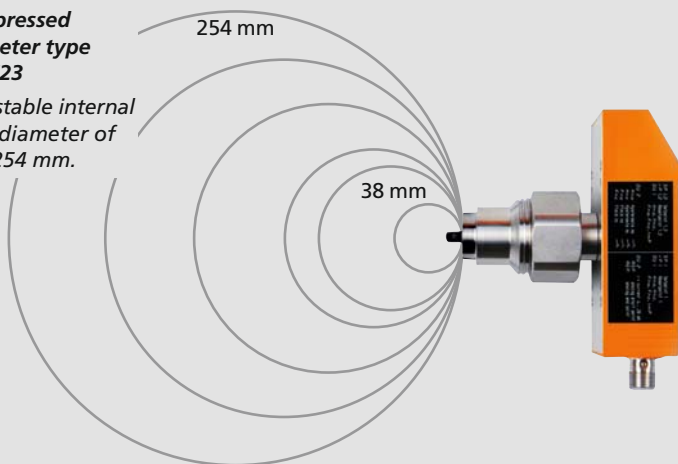
Vortex

Mechatronic

Ultrasonic

Compressed air meter type SD0523

Adjustable internal pipe diameter of 38 - 254 mm.



Measuring range [Nm ³ /h]	Pressure rating [bar]	Process connection	Order no.
Adjustable pipe diameter			
8...28,000	16	G 1 female	SD0523

Thermal

Thermal

Thermal

Accessories

More device versions at www.ifm.com



For industrial applications



For hygienic areas and viscous media

Robust and clean:

Wetted part material: high-grade stainless steel, titanium or Hastelloy.

Clear:

Flow display by means of 10 LED bar graph, measured value output in %.

Selectable:

Versions with different outputs.

Flexible:

Variable measuring tip lengths.



Flow sensors type SI

ATEX versions.

Protection rating IP 67.

Robust housing.

Easy to set.

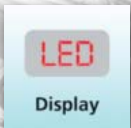
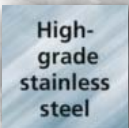


Pressure rating [bar]	Process connection / measuring tip length [mm]	Operating voltage [V]	IO-Link	Order no.
Machine tool applications				
1 switching output				
30	M18 nut / 45	24 DC	–	SI5000
2 switching outputs				
300	M18 nut / 45	24 DC	•	SI5002
1 analogue output				
300	M18 nut / 45	24 DC	–	SI5004
1 relay output				
300	M18 nut / 45	85...265 AC	–	SI5006
1 switching output flow and 1 switching output temperature				
300	M18 nut / 45	24 DC	•	SI5007
1 switching output				
300	M18 nut / 45	24 DC	•	SI5010
1 switching output · ATEX category 3D / 3G				
30	M18 nut / 45	24 DC	–	SI500A



Relative measurement

Compact thermal flow sensors for water, emulsions, oils and air



Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Flow sensors type SI

Modular adaptation for hygienic applications.

Protection rating IP 67 and IP 69K.



Pressure rating [bar]	Process connection / measuring tip length [mm]	Operating voltage [V]	Order no.
Hygienic applications			
1 switching output			
30	G 1 male Aseptoflex Vario / 20	24 DC	SI6600
30	G 1 male Aseptoflex Vario / 38	24 DC	SI6700
30	G 1 male Aseptoflex Vario / 55	24 DC	SI6800

Thermal

Thermal

Thermal

Accessories



For process adapters please see pages 22 - 23

More device versions at www.ifm.com



For industrial applications



For hazardous areas

Space-saving:

Flow sensors for connection to separate evaluation unit.

Robust and clean:

Wetted part material: high-grade stainless steel, titanium or ceramics.

Flexible:

Variable measuring tip lengths.



Flow sensors type SF for connection to evaluation units
SR5900
SR5906
SR0150
SR0151
SN0150
SN0151



Pressure rating [bar]	Process connection / measuring tip length [mm]	Medium temperature [°C]	Material (wetted parts)	Order no.
Connection via M12 connector				
30	clamping ring / 106	-25...80	high-grade stainless steel	SF6201
30	clamping ring / 191	-25...80	high-grade stainless steel	SF6200
30	M18 nut / 45	-25...80	high-grade stainless steel	SF0537
300	M18 nut / 45	-25...80	high-grade stainless steel	SF5200
30	M18 nut / 55	-25...80	high-grade stainless steel	SF5201
100	M18 nut / 45	-25...80	titanium	SF5700
100	M18 nut / 63	-25...80	titanium	SF5701
100	M18 nut / 93	-25...80	titanium	SF5702
100	M18 nut / 143	-25...80	titanium	SF5703
100	M18 nut / 243	-25...80	titanium	SF5704
30	G 1/4 male / 12	5...70	ceramics	SF2405
30	G 1/2 male / 30	5...70	ceramics	SF3405
Connection via 6 m cable				
300	M18 nut / 45	0...120	high-grade stainless steel	SF5300
300	M18 nut / 45	-25...80	high-grade stainless steel	SF5350
100	M18 nut / 45	-25...80	titanium	SF5800
30	G 1/4 male / 12	5...70	ceramics	SF0540¹⁾
30	G 1/4 male / 12	5...70	ceramics	SF2410
30	G 1/2 male / 30	5...70	ceramics	SF3410

¹⁾ connection cable 16 m



Relative measurement

Thermal flow sensors for water, emulsions, oils, air and aggressive media for connection to separate evaluation units



High-grade stainless steel

IP 65
IP 67

II1G
ATEX

II2G
ATEX

Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Flow sensors type SF for connection to evaluation units
SR2301
SN2301
SN2302

For ATEX applications.



Pressure rating [bar]	Process connection	Medium temperature [°C]	Material (wetted parts)	ATEX category	Order no.
ATEX applications					
Connection via M12 connector					
30	M12	-20...70	high-grade stainless steel	2G	SF120A
30	G 1/4 male	-20...70	high-grade stainless steel	2G	SF220A
Connection via 6 m cable					
300	M12	-20...60	high-grade stainless steel	1G / 2G	SF111A
30	M12	-20...70	high-grade stainless steel	2G	SF121A
300	G 1/4 male	-20...60	high-grade stainless steel	1G / 2G	SF211A
30	G 1/4 male	-20...70	high-grade stainless steel	2G	SF221A
300	G 1/2 male	-20...60	high-grade stainless steel	1G / 2G	SF311A
30	G 1/2 male	-20...70	high-grade stainless steel	2G	SP321A

Thermal

Thermal

Thermal

Accessories

For evaluation units please see pages 18 - 19





For industrial applications



For hazardous areas

Space-saving:

Separate evaluation units for connection of flow sensors.

Clear:

Flow indication by means of LED function display.

Selectable:

Versions with different outputs.



Evaluation unit for flow sensors type SF

Relay energises in case of flow and de-energises in case of wire break.



Relay temperature	Nominal voltage [V]	Order no.	For sensor type
Field installation			
–	24 DC	SR5900	SFxxx
–	90...240 AC	SR5906	M12 connector
Control panel mounting			
energises	24 DC	SR0150¹⁾	SFxxx
energises	24 DC	SR0151²⁾	
energises	90...240 AC	SN0150	
de-energises	90...240 AC	SN0151	

¹⁾ temperature range 0...80 °C ²⁾ temperature range 40...120 °C



Relative measurement

Evaluation units for thermal flow sensors for water, emulsions, oils and air



Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Evaluation unit for ATEX flow sensors type SF

Relay energises in case of flow and de-energises in case of wire break. Type SR307A with 4-wire technology and 5 setting options (water, air, oils of low and high viscosity).



Relay temperature	Operating voltage [V]	Order no.	For sensor type
Control cabinet installation, for ATEX sensors			
–	24 DC	SR2301	SFxxxA
–	230 AC	SN2304	
–	110 AC	SN2302	
de-energises	24 DC	SR307A	SP321A

Thermal

Thermal

Thermal

Accessories



For sensors please see pages 16 - 17



For industrial applications

Integrated:

Optimised for water, oils, glycol and air.

Optimum alignment:

Rotatable process connection.

Combined measurement:

Integrated temperature measurement

Variable:

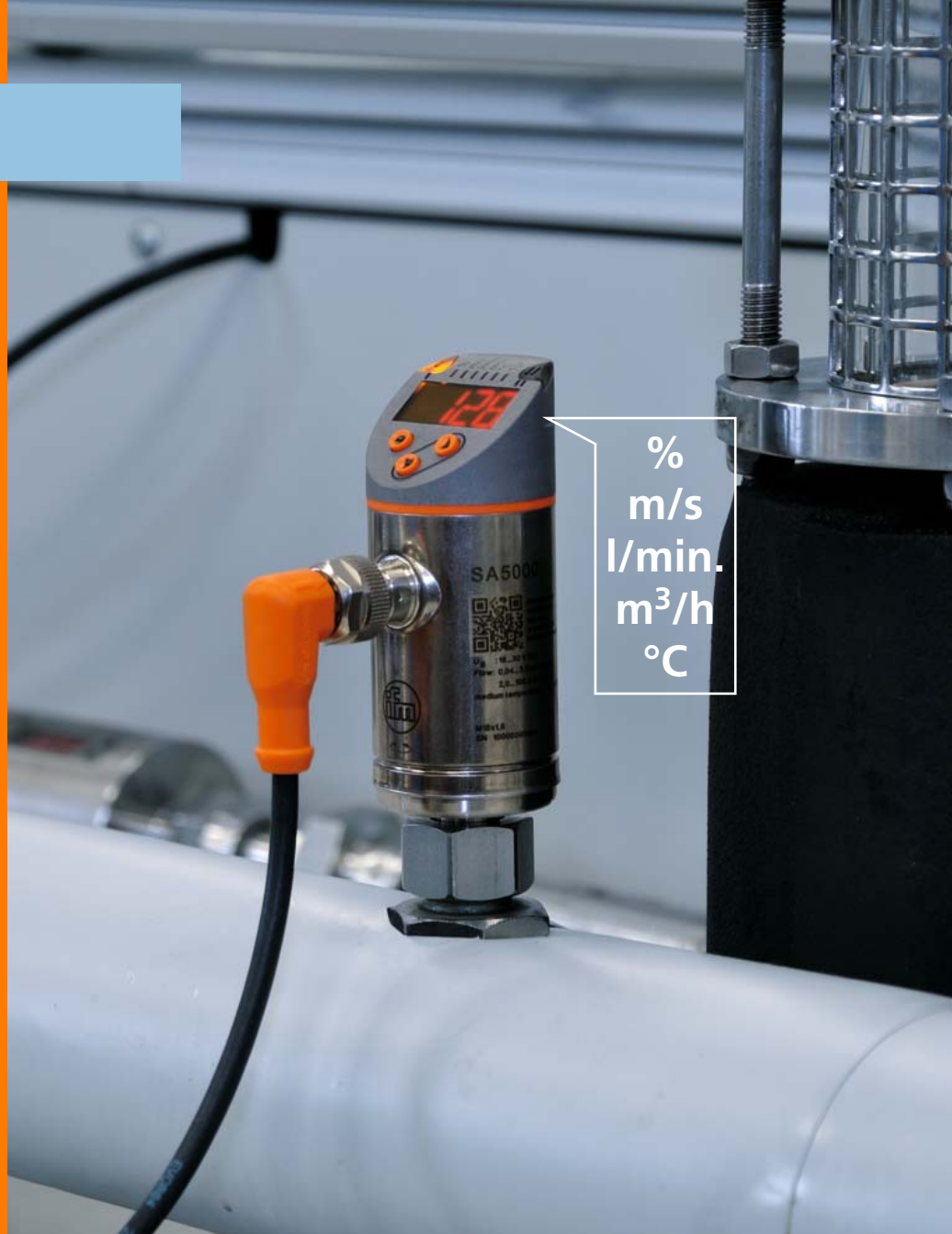
Measured value output in %, m/s, l/min, m³/h and °C.

Flexible:

Adjustable internal pipe diameter of 15...400 mm.

Unambiguous:

Red / green colour change for process values.



Flow sensors type SA

Sensing head rotatable by 345°.

2 switching outputs.

Easy switch-point setting via display

3-pushbutton operating concept.

Fast response time for flow and temperature measurement.

Individual serial number.

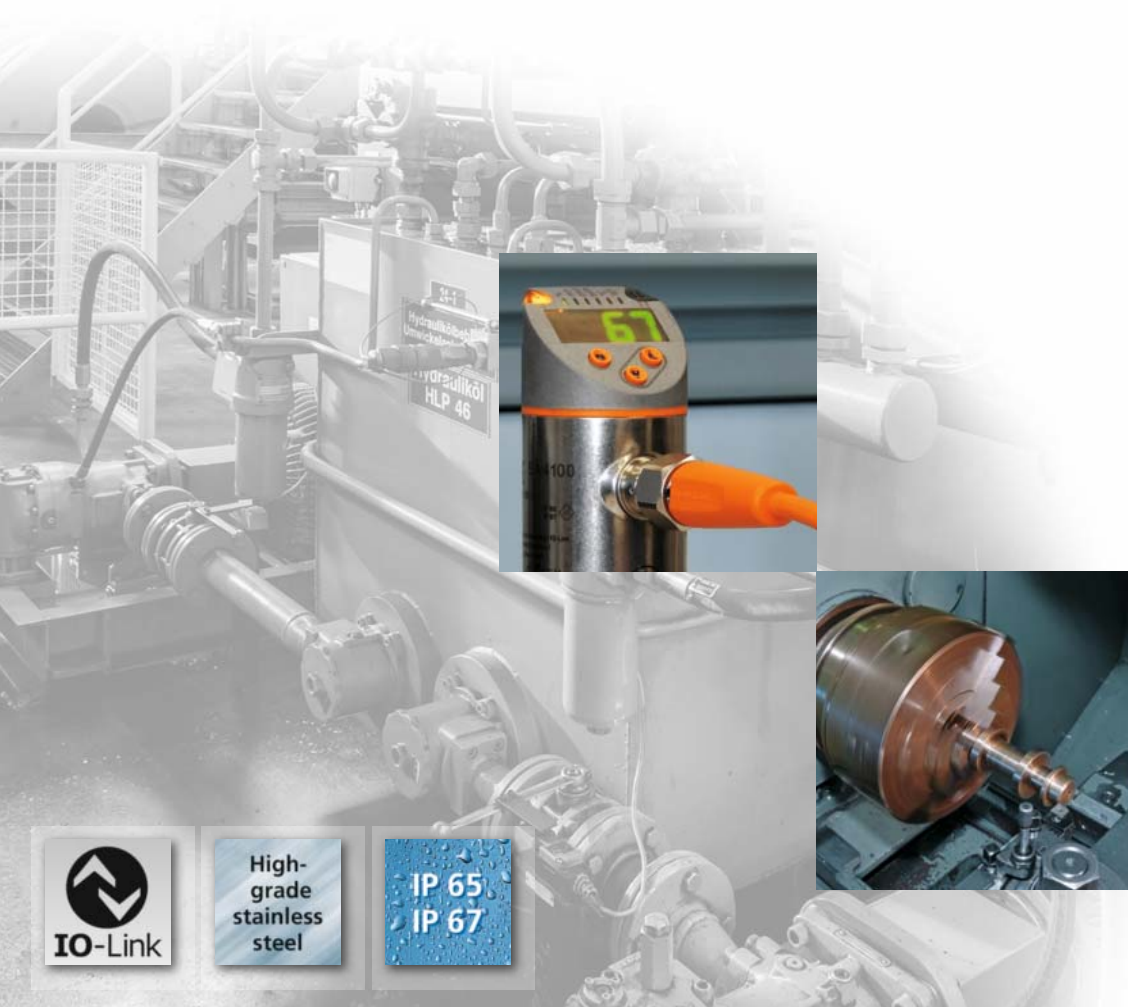


Pressure rating [bar]	Process connection / measuring tip length [mm]	Medium temperature [°C]	Order no.
1 analogue output 4...20 mA / 2 switching or frequency outputs			
100	M18 nut / 45	-20...90	SA5000
100	G 1/2 / 45	-20...90	SA2000
50	progressive ring / 100	-20...100	SA4100
50	progressive ring / 200	-20...100	SA4300



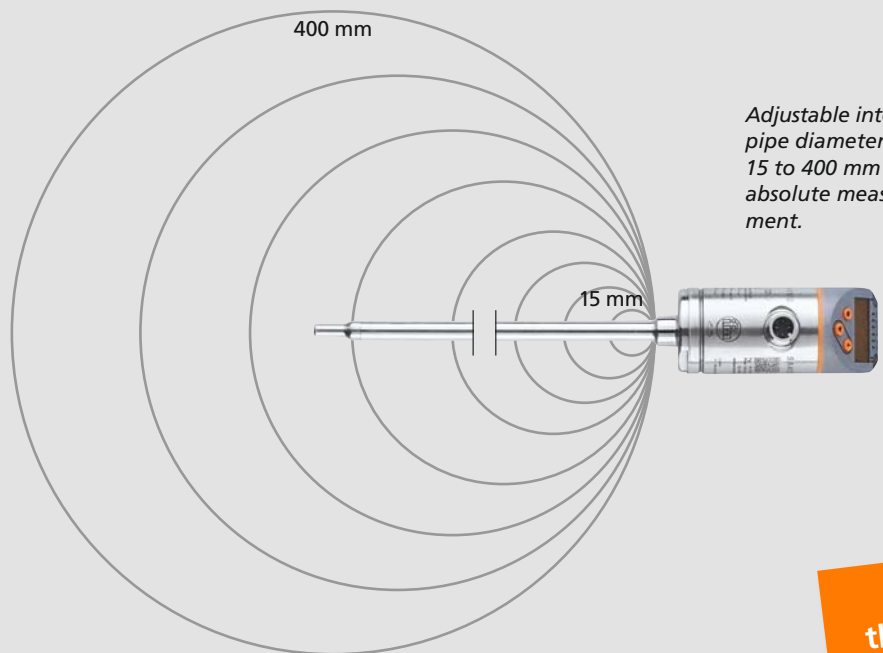
Relative and absolute measurement

Thermal flow sensors for water, emulsions, oils and air



- IO-Link
- High-grade stainless steel
- IP 65
IP 67

- Magnetic-inductive
- Vortex
- Mechatronic
- Ultrasonic



Adjustable internal pipe diameter of 15 to 400 mm for absolute measurement.

- Thermal
- Thermal
- Thermal

Want to find the suitable socket?
www.ifm.com

- Accessories



For industrial applications



For hygienic areas and viscous media



Process adapters for type SM



Process connection	Device connection	Material	Order no.	For sensor type
R 1/2	G 1/2	high-grade stainless steel	E40199	SM6xxx
G 1/2	G 1/2	high-grade stainless steel	E40213	SM6xxx
G 3/4	G 1/2	high-grade stainless steel	E40189	SM6xxx
R 1/2	G 3/4	brass	E40151	SM7xxx
R 1/2	G 3/4	high-grade stainless steel	E40178	SM7xxx
G 1/2	G 3/4	high-grade stainless steel	E40214	SM7xxx
G 3/4	G 3/4	high-grade stainless steel	E40216	SM7xxx
R 1/2	G 1	brass	E40152	SM8xxx
R 3/4	G 1	brass	E40153	SM8xxx
R 1/2	G 1	high-grade stainless steel	E40179	SM8xxx
R 3/4	G 1	high-grade stainless steel	E40180	SM8xxx
G 3/4	G 1	high-grade stainless steel	E40215	SM8xxx
G 1	G 1	high-grade stainless steel	E40217	SM8xxx
1,5" Victaulic	G 2	high-grade stainless steel	E40227	SM9xxx, SM2xxx
R 2	G 2	high-grade stainless steel	E40231	SM9xxx, SM2xxx
G 1 1/2	G 2	high-grade stainless steel	E40230	SM9xxx, SM2xxx
Flange DN50	G 2	high-grade stainless steel	E40240	SM9xxx, SM2xxx

Grounding clamp for type SM



Description	Material	Order no.	For sensor type
Grounding clamp	stainless steel	E40234	SMxxxx

Accessories for flow sensors type SV



Description	Material	Order no.	For sensor type
Mounting plate	high-grade stainless steel	E40249	SVxxxx ¹⁾
Flow rate control valve G 1/2	nickel-plated brass	E40250	SVxxxx ¹⁾
Flow rate control valve G 3/4	nickel-plated brass	E40251	SVxxxx ¹⁾

¹⁾ Version with display



**More accessories at
www.ifm.com**



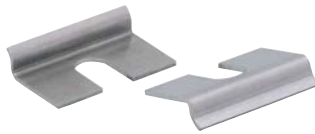
Accessories

Process adapters and mounting accessories for flow sensors and flow meters

Process adapters for type SU



Process connection	Device connection	Material	Order no.	For sensor type
R 1/2	G 3/4	high-grade stainless steel	E40178	SU7xxx
1/2" NPT	G 3/4	high-grade stainless steel	E40191	SU7xxx
G 1/2	G 3/4	high-grade stainless steel	E40214	SU7xxx
G 3/4	G 3/4	high-grade stainless steel	E40216	SU7xxx
R 1/2	G 1	high-grade stainless steel	E40179	SU8xxx
R 3/4	G 1	high-grade stainless steel	E40180	SU8xxx
1/2" NPT	G 1	high-grade stainless steel	E40192	SU8xxx
3/4 NPT	G 1	high-grade stainless steel	E40193	SU8xxx
G 3/4	G 1	high-grade stainless steel	E40215	SU8xxx
G 1	G 1	high-grade stainless steel	E40217	SU8xxx
R 1	G 1 1/4	high-grade stainless steel	E40205	SU9xxx
1" NPT	G 1 1/4	high-grade stainless steel	E40206	SU9xxx



Description	Material	Order no.	For sensor type
Mounting set 2 angle brackets	stainless steel	E40166	SUxxxx

Process adapters for flow sensors type SI, SA



Process connection	Device connection	Material	Order no.	For sensor type
G 1/2	M18	high-grade stainless steel	E40096	SI5xxx, SA5xxx
G 1/4	M18	high-grade stainless steel	E40099	SI5xxx, SA5xxx
G 1/2	M18	brass	E40097	SI5xxx, SA5xxx
G 1/4	M18	brass	E40098	SI5xxx, SA5xxx
G 1/2	progressive ring	high-grade stainless steel	E40258	SA4xxx
G 3/4	progressive ring	high-grade stainless steel	E40259	SA4xxx
R 1/2	progressive ring	high-grade stainless steel	E40263	SA4xxx
Clamp 1...1.5"	Aseptoflex Vario	high-grade stainless steel	E33201	SI66xx, SI67xx, SI68xx
Varivent type F 1"	Aseptoflex Vario	high-grade stainless steel	E33221	SI66xx, SI67xx, SI68xx

Magnetic-inductive

Vortex

Mechatronic

Ultrasonic

Thermal

Thermal

Thermal

Accessories

Visit our website:

www.ifm.com

Over 70 locations worldwide –
at a glance at www.ifm.com

ifm electronic gmbh
Friedrichstraße 1
45128 Essen
Tel. +49 / 201 / 24 22-0
Fax +49 / 201 / 24 22-1200
E-mail info@ifm.com



ifm – close to you!

Overview
ifm product range:



Position sensors



**Sensors for
motion control**



Industrial imaging



Safety technology



Process sensors



**Industrial
communication**



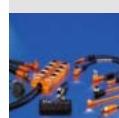
Identification systems



**Condition monitoring
systems**



**Systems for
mobile machines**



**Connection
technology**



Accessories