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better measurement



SCHMIDT[®] Flow Sensors



Price List 2011
Effective from 1st January 2011 Issue A

Price List 2011

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Price List 2011 - SCHMIDT® Flow Sensors

SCHMIDT® flow sensors are produced in customized version within some working days. When ordering a sensor the right configuration is important. The following information – in addition to the type number i.e. SS 20.500 – is needed

- Length of the sensor (coated or non-coated)
- Measuring range of flow / standard or high precision adjustment
- Kind of output signals
- Overpressure in bar and maximum medium temperature
- Medium (in case of non-air)

Configuration of Article Number

SCHMIDT® flow sensors can be ordered directly by indicating the article number. For configurable sensors the article number is made up of the basic article number plus the number for the configuration. The configuration number indicates the specification of the sensor.

Example SS 20.60:

Basic article number – configuration number

506 300 - 1 - 2 1 1 2 4 0 0

K = 1 - - - - - Standard sensor

X = - 2 - - - - - Sensor tip length L: **180 mm**

Y = - - - 1 - - - - - Flow: **60 m/s**

Z = - - - - 1 - - - - - Analog output: **0 ... 10 V**

S = - - - - - 2 - - - - - Digital switching output

F = - - - - - 4 - - - - - Switching frequency: **0 ... 20 Hz**

DD = - - - - - - 0 0 Operating pressure: **atmospheric**

Accessories

SCHMIDT® flow sensors are normally delivered without accessories i.e. connection cable. For each sensor the suitable accessories are mentioned in the price list and can be re-ordered separately.

SCHMIDT® Flow Sensor SS 20.250								
Description		Articel No.					Price €	
Basic Sensor	SCHMIDT® Flow Sensor SS 20.250; Output signal 4..20mA and 0..10V;	526 340 - XYZ	X	Y	Z	P	A	340,00
Options:								
Mechanical Version	Sensor lenght 300 mm		1					0,00
	Sensor lenght 500 mm		2					0,00
Measuring range and calibration	Measuring range 0...1 m/s			1				0,00
	Measuring range 0...10 m/s			2				0,00
	Measuring range 0...20 m/s			3				0,00
	Standard adjustment				1			0,00
	High precision adjustment including ISO calibration certificate for flow					2		195,00
Protection design	Without protective coating					1		0,00
	Protective coating					2		80,00
Connecting cable	Cable length 2,0 m						1	0,00
	Special cable length: _____mm						2	47,00 + 0,48/10cm
Description		Articel No.					Price €	
Accessories A	Mounting flange steel, galvanic zinc-plated	301 048					37,00	
	Wall-mounting flange, stainless steel, PTFE- clamping ring	520 181					143,00	
	Press fitting, stainless steel, G 1/2, atmospheric pressure	301 082					61,00	
	Press fitting, brass, G 1/2, atmospheric pressure	517 206					30,00	
	Welded sleeve steel G 1/2, EN 10241, 5 pcs	524 916					31,00	
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	524 882					23,00	
	LED-Display in wall-mounted housing for volume flow and flow velocity	527 320					385,00	
	LED-Display in wall-mounted housing, as 527 320, but with additional totalizer and 2.nd measuring input	527 330					430,00	

SCHMIDT® Flow Switch SS 20.200						
Type	Article No.	Mounting length	Measuring range	Relay	LED	Setting of switching point
Without tip coating	504 475-XYSLxx	X	Y	S	L xx [%]	
		1 100 mm	1 0 ... 1 m/s	1 closed On	P 00	Pot. not configured
With tip coating	505 504-XYSLxx	2 200 mm	2 0 ... 2,5 m/s	2 open On	P 05 ... 95	Pot. configured to % level
		3 350 mm	3 0 ... 10 m/s	3 closed On	F 05 ... 95	Fix programmed to % level
		4 500 mm	4 0 ... 20 m/s	4 open On		



	Article No.					Price €
	X	Y	S	L xx		
SS 20.200	504 475-1	1, 2, 3, 4	1, 2, 3, 4	P 00	304,00	
	504 475-2	1, 2, 3, 4	1, 2, 3, 4	P 00	325,00	
	504 475-3	1, 2, 3, 4	1, 2, 3, 4	P 00	347,00	
	504 475-4	1, 2, 3, 4	1, 2, 3, 4	P 00	364,00	
	504 475-1	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	314,00	
	504 475-2	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	336,00	
	504 475-3	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	357,00	
	504 475-4	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	374,00	
SS 20.201	505 504-1	1, 2, 3, 4	1, 2, 3, 4	P 00	403,00	
	505 504-2	1, 2, 3, 4	1, 2, 3, 4	P 00	424,00	
	505 504-3	1, 2, 3, 4	1, 2, 3, 4	P 00	446,00	
	505 504-4	1, 2, 3, 4	1, 2, 3, 4	P 00	462,00	
	505 504-1	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	413,00	
	505 504-2	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	435,00	
	505 504-3	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	456,00	
	505 504-4	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	473,00	
Service for SS 20.200/201	390 020	Functional test with repair cost quotation			35,00	

Accessories SS 20.200		A
Article No.	Description	Price €
301 048	Mounting flange, steel, galvanic zinc-plated	37,00
301 082	Press fitting stainless steel, G 1/2 x 12, atmospheric pressure	61,00
517 206	Press fitting, brass, G 1/2 x 12, for atmospheric pressure	30,00
524 891	Press fitting, brass, max. 10 bar with pressure relief device	51,00
524 919	Press fitting, stainless steel, max. 10 bar with pressure relief device	114,00
524 916	Welding sleeve G 1/2", steel, EN 10241, 5 pcs	31,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs	23,00

SCHMIDT® Flow Sensor SS 20.260



Without temperature output

Type	Mounting length	Measuring range	Output		Connection	Medium temperature
			Flow	Temperature		
SS 20.260	X	Y	Z		A	T
	1 50 mm	1 0 ... 2,5 m/s	1 0 ... 10 V		1 Pigtail	1 -20 ... +85 °C
	2 100 mm	2 0 ... 10 m/s	2 4 ... 20 mA			2 -20 ... +120 °C
	3 200 mm	3 0 ... 20 m/s	3 0 ... 20 mA			
	4 350 mm	4 0 ... 40 m/s				
5 500 mm						
Article No.	X	Y	Z	A	T	Price €
506 690-XYZAT	1	1, 2, 3	1, 2, 3	1	1	350,00
506 690-XYZAT	2	1, 2, 3	1, 2, 3	1	1	360,00
506 690-XYZAT	3	1, 2, 3	1, 2, 3	1	1	372,00
506 690-XYZAT	4	1, 2, 3	1, 2, 3	1	1	389,00
506 690-XYZAT	5	1, 2, 3	1, 2, 3	1	1	410,00
506 690-XYZAT	1	1, 2, 3	1, 2, 3	1	2	393,00
506 690-XYZAT	2	1, 2, 3	1, 2, 3	1	2	403,00
506 690-XYZAT	3	1, 2, 3	1, 2, 3	1	2	415,00
506 690-XYZAT	4	1, 2, 3	1, 2, 3	1	2	432,00
506 690-XYZAT	5	1, 2, 3	1, 2, 3	1	2	453,00
506 690-XYZAT	1	4	1, 2, 3	1	1	414,00
506 690-XYZAT	2	4	1, 2, 3	1	1	424,00
506 690-XYZAT	3	4	1, 2, 3	1	1	436,00
506 690-XYZAT	4	4	1, 2, 3	1	1	453,00
506 690-XYZAT	5	4	1, 2, 3	1	1	474,00
506 690-XYZAT	1	4	1, 2, 3	1	2	521,00
506 690-XYZAT	2	4	1, 2, 3	1	2	531,00
506 690-XYZAT	3	4	1, 2, 3	1	2	543,00
506 690-XYZAT	4	4	1, 2, 3	1	2	560,00
506 690-XYZAT	5	4	1, 2, 3	1	2	581,00

SCHMIDT® Flow Sensor SS 20.260



With additional temperature output

Type	Mounting length	Measuring range	Output		Connection	Measuring range
			Flow	Temperature		
SS 20.260	X	Y	Z		A	T
	1 50 mm				1 Pigtail	1 -20 ... +85 °C
	2 100 mm	2 0 ... 10 m/s				2 -20 ... +120 °C
	3 200 mm	3 0 ... 20 m/s				
	4 350 mm	4 0 ... 40 m/s	4 4 ... 20 mA	4 ... 20 mA		
5 500 mm	5 0 ... 50 m/s	5 0 ... 20 mA	0 ... 20 mA			

Article No.	Article No.					Price €
	X	Y	Z	A	T	
506 690-XYZAT	1	2,3	4,5	1	1	464,00
506 690-XYZAT	2	2,3	4,5	1	1	474,00
506 690-XYZAT	3	2,3	4,5	1	1	486,00
506 690-XYZAT	4	2,3	4,5	1	1	503,00
506 690-XYZAT	5	2,3	4,5	1	1	524,00
506 690-XYZAT	1	2,3	4,5	1	2	507,00
506 690-XYZAT	2	2,3	4,5	1	2	517,00
506 690-XYZAT	3	2,3	4,5	1	2	529,00
506 690-XYZAT	4	2,3	4,5	1	2	546,00
506 690-XYZAT	5	2,3	4,5	1	2	567,00
506 690-XYZAT	1	4,5	4,5	1	1	528,00
506 690-XYZAT	2	4,5	4,5	1	1	538,00
506 690-XYZAT	3	4,5	4,5	1	1	550,00
506 690-XYZAT	4	4,5	4,5	1	1	567,00
506 690-XYZAT	5	4,5	4,5	1	1	588,00
506 690-XYZAT	1	4,5	4,5	1	2	571,00
506 690-XYZAT	2	4,5	4,5	1	2	581,00
506 690-XYZAT	3	4,5	4,5	1	2	593,00
506 690-XYZAT	4	4,5	4,5	1	2	610,00
506 690-XYZAT	5	4,5	4,5	1	2	631,00

Service for SS 20.260	390 020	Functional test with repair cost quotation		35,00
ISO Calibration Certificate	518 426-1	0 ... 2,5 m/s	4 calibration points	187,00
	518 426-2	0 ... 10 m/s	5 calibration points	187,00
	518 426-3	0 ... 20 m/s	5 calibration points	187,00
	518 426-4	0 ... 40 m/s	6 calibration points	240,00
	518 426-5	0 ... 50 m/s	6 calibration points	240,00

Accessories SS 20.260		A
Article no	Description	Price €
301 048	Mounting flange steel, galvanic zinc-plated	37,00
517 206	Press fitting, brass, for atmospheric pressure	30,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	164,00
524 916	Welding sleeve steel G 1/2, EN 10241, 5 pcs	31,00

SCHMIDT® Flow Sensor SS 20.261						
Description		Article No.			Price €	
Basic Sensor	SCHMIDT® Flow Sensor SS 20.261; Output signal 4..20mA; overpressure up to 8 bar and press fitting; cable 1,5m	526 335 - XYZ	X	Y	Z	629,00
Optionen:					Price €	
Sensor lenght	Sensor lenght 200 mm		1			0,00
	Sensor lenght 350 mm		2			0,00
Measuring range and calibration	Measuring range 0..40m/s			1		0,00
	Measuring range 0..60m/s			2		0,00
	Measuring range 0..90m/s			3		68,00
	Standard adjustment				1	0,00
	High precision adjustment including ISO calibration certificate for flow					2
Description		Article No.			Price €	
Accessories	Welding sleeve steel G1/2", according to EN 10241, 5 pieces	524 916			31,00	
	LED-Display in wall-mounted housing for volume flow and flow velocity	527 320			385,00	
	A LED-Display in wall-mounted housing, as 527 320, but with additional totalizer and 2.nd measuring input	527 330			430,00	
	Ball valve				on request	

SCHMIDT® Flow Sensor SS 20.400							
Type	Article No.	Mounting length	Measuring range	Measuring direction	Output	Representation of bidirectional meas. value	
SS 20.400	518 210-XYDZRP	X	Y	D	Z	R	
		1	130 mm	1 0 ... 1 m/s	1 Unidirectional	1 0 ... 10 V	1 OC1 = direction signal
		2	200 mm	2 0 ... 2,5 m/s	2 Bidirectional	2 0 ... 5 V	2 Analog signal contains direction information 0 m/s = 1/2 analog value
		3	300 mm	3 0 ... 5 m/s		3 0 ... 2 V	3 Unidirectional
				4 0 ... 10 m/s		4 0 ... 20 mA	
			5 0 ... 20 m/s		5 4 ... 20 mA		
Article No.							
		X	Y	D	Z	R	Price €
SS 20.400	518 210-	1	1, 2, 3, 4, 5	1	1, 2, 3	1, 2, 3	663,00
	518 210-	2	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	683,00
	518 210-	3	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	703,00
	518 210-	1	1, 2, 3, 4, 5	2	1, 2, 3	1, 2, 3	733,00
	518 210-	2	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	754,00
	518 210-	3	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	773,00
Sensor settings	P	S	Factory settings according data sheet				0,00
		K	Programming of output polarity, switching point, direction signal, response time, output delay time				31,00
Service for SS 20.400	390 020	Functional test with repair cost quotation				35,00	
Article No.							
							Price €
ISO Calibration Certificate	506 247-11	0 ... 1 m/s	6 calibration points, unidirectional			187,00	
	506 247-21	0 ... 2,5 m/s	8 calibration points, unidirectional			192,00	
	506 247-31	0 ... 5 m/s	8 calibration points, unidirectional			192,00	
	506 247-41	0 ... 10 m/s	8 calibration points, unidirectional			192,00	
	506 247-51	0 ... 20 m/s	9 calibration points, unidirectional			210,00	
	506 247-12	0 ... 1 m/s	12 calibration points, bidirectional			282,00	
	506 247-22	0 ... 2,5 m/s	16 calibration points, bidirectional			295,00	
	506 247-32	0 ... 5 m/s	16 calibration points, bidirectional			295,00	
	506 247-42	0 ... 10 m/s	16 calibration points, bidirectional			295,00	
	506 247-52	0 ... 20 m/s	18 calibration points, bidirectional			330,00	
Accessories SS 20.400							A
Article no.	Description					Price €	
507 150	Female connector, 7 pole, for soldering of cables 0.14 mm ²					29,00	
508 140	Connection cable with female angled connector, length 10 m, with clipped cable ends					80,00	
505 911-1	Connection cable with female connector, length 2 m, with clipped cable ends					49,00	
505 911-2	Connection cable with female connector, length 5 m, with clipped cable ends					65,00	
505 911-3	Connection cable with female connector, length 10 m, with clipped cable ends					78,00	
520 181	Wall mounting flange, stainless steel, PTFE clamp ring					143,00	
503 895	Wall holder					26,00	
301 082	Press fitting, stainless steel, clamp ring PTFE					61,00	
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs					23,00	
505 960	Programmingkit					510,00	
506 944	Extension cable, length 2 m, between programming kit and sensor					92,00	




Type	Article No.	Mount.-length	Meas. range	Meas. direction	Output	Direction indication	Mounting
SS 20.415	505 790 XYZZRPB	X	Y	D	Z	R	B
		1 300 x 300 mm	1 0 ... 1 m/s	1 Unidirectional	1 0 ... 10 V	1 OC1 = direction signal	1 Threaded Bush M25
		2 300 mm straight	2 0 ... 2,5 m/s	2 Bidirectional	2 0 ... 5 V	2 Analog signal includes direction 0 m/s = 1/2 analog value	2 Threaded Bush PG21
		3 65 x 300 mm	3 0 ... 5 m/s		3 0 ... 2 V		3 Thread. bush+shank nut
			4 0 ... 10 m/s		4 0 ... 20 mA		4 Welding bush
	5 0 ... 20 m/s		5 4 ... 20 mA		5 Flange Bush, tight		
					3 Unidirectional		

SS 20.415	X	Y	D	Z	R	B	Price €	
505 790-	1,3	1,2,3,4,5	1	1,2,3,4,5	1,2,3	1,2,3	869,00	
505 790-	2	1,2,3,4,5	1	1,2,3,4,5	1,2,3	1,2,3	830,00	
505 790-	1,3	1,2,3,4,5	2	1,2,3,4,5	1,2,3	1,2,3	940,00	
505 790-	2	1,2,3,4,5	2	1,2,3,4,5	1,2,3	1,2,3	901,00	
505 790-	1,3	1,2,3,4,5	1	1,2,3,4,5	1,2,3	4	896,00	
505 790-	2	1,2,3,4,5	1	1,2,3,4,5	1,2,3	4	857,00	
505 790-	1,3	1,2,3,4,5	2	1,2,3,4,5	1,2,3	4	967,00	
505 790-	2	1,2,3,4,5	2	1,2,3,4,5	1,2,3	4	928,00	
505 790-	1,3	1,2,3,4,5	1	1,2,3,4,5	1,2,3	5	954,00	
505 790-	2	1,2,3,4,5	1	1,2,3,4,5	1,2,3	5	915,00	
505 790-	1,3	1,2,3,4,5	2	1,2,3,4,5	1,2,3	5	1.025,00	
505 790-	2	1,2,3,4,5	2	1,2,3,4,5	1,2,3	5	986,00	
Sensor settings	P	S	Factory settings according data sheet					0,00
		K	Programming of output polarity, switching point, direction signal, response time, output delay time					31,00
Service for SS 20.415		390 020	Functional test with repair cost quotation				35,00	

	Article No.	Meas. range	Calibration points	Price €
ISO-Calibration Certificate	506 247-11	0 ... 1 m/s	6 calibration points, unidirectional	187,00
	506 247-21	0 ... 2,5 m/s	8 calibration points, unidirectional	192,00
	506 247-31	0 ... 5 m/s	8 calibration points, unidirectional	192,00
	506 247-41	0 ... 10 m/s	8 calibration points, unidirectional	192,00
	506 247-51	0 ... 20 m/s	9 calibration points, unidirectional	210,00
	506 247-12	0 ... 1 m/s	12 calibration points, bidirectional	282,00
	506 247-22	0 ... 2,5 m/s	16 calibration points, bidirectional	295,00
	506 247-32	0 ... 5 m/s	16 calibration points, bidirectional	295,00
	506 247-42	0 ... 10 m/s	16 calibration points, bidirectional	295,00
	506 247-52	0 ... 20 m/s	18 calibration points, bidirectional	330,00

Accessories SS 20.415		A	Price €
Article no.	Description		
507 150	Female connector, 7 pole, for soldering of cables 0.14 mm ²		29,00
508 140	Connection cable with female angled connector, length 10 m, with clipped cable ends		80,00
505 911-1	Connection cable with female connector, length 2 m, with clipped cable ends		49,00
505 911-2	Connection cable with female connector, length 5 m, with clipped cable ends		65,00
505 911-3	Connection cable with female connector, length 10 m, with clipped cable ends		78,00
505 960	Programmingkit		510,00
506 944	Extension cable, 2 m length, between programming kit and sensor		92,00

Description		Article No.						Price €
SCHMIDT® Flow Sensor SS 20.500								
								
Basic sensor	SCHMIDT® Flow Sensor SS 20.500 Output signal 4..20 mA or 0..10 V	521 501 - XYZPA	X	Y	Z	P	A	620,00
Options:								
Mechanical design	Sensor length 100 mm		1					0,00
	Sensor length 150 mm		2					0,00
	Sensor length 350 mm		3					0,00
	Special length (> 100 mm up to 1.000 mm): Length: _____ mm		9					138,00
	Remote sensor with 3m cable		4					85,00
Protection design	Without ATEX design						1	0,00
	ATEX design						2	210,00
	Without protective coating					1		0,00
	Protective coating					2		80,00
Measuring range and calibration	Measuring range 0..1 m/s			1				0,00
	Measuring range 0.2,5 m/s			6				0,00
	Measuring range 0..5 m/s			2				0,00
	Measuring range 0..10 m/s			3				0,00
	Measuring range 0..20 m/s			4				25,00
	Measuring range 0..35 m/s			5				40,00
	Standard adjustment					1		0,00
	High precision adjustment including ISO calibration certificate for flow					2		195,00
Description		Article No.						Price €
Accessories SS 20.500	Connection cable 5-pin, length 5 m, with coupler socket and clipped cable ends	523 565						36,00
	Connection cable 5-pin, selectable length, with coupler socket and clipped cable ends, halogen free	523 566						59,00 + 1,80 €/m
	Coupler socket 5-pin, with screw terminals, for cable Ø 4.. 6 mm	523 562						30,00
	Mounting flange steel, galvanic zinc-plated	301 048						37,00
	Press fitting, stainless steel, G 1/2 x 12, atmospheric pressure	301 082						61,00
	Press fitting, brass, G 1/2, atmospheric pressure	517 206						30,00
	Press fitting, brass, max. 10 bar with pressure relief device	524 891						51,00
	Press fitting, stainless steel, max. 10 bar with pressure relief device	524 919						114,00
	Welded sleeve steel G 1/2, EN 10241, 5 pcs	524 916						31,00
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	524 882						23,00
A	Power supply, output 24 V DC, supply voltage 115/230 V AC	300 640						164,00
	LED display wall mounting design							On request



Type	Article No.	Mounting length	Measuring range	Output	Connection	Montage
SS 20.515 Without tip coating	301 020-XYZAB	X 1 300 x 300 mm	Y 3 0 ... 2,5 m/s	Z 1 0 ... 10 V	A 3 Plug-in	B 1 Threaded bush M25
		2 300 mm straight	5 0 ... 1 m/s	2 0 ... 20 mA		2 Threaded bush PG21
SS 20.516 With tip coating	301 025-XYZAB	2 300 mm straight	5 0 ... 1 m/s	3 4 ... 20 mA		3 Thread. bush + shank nut
						4 Welding bush
						5 Flange bush, tight

	Article No.						Price €
	X	Y	Z	A	B		
SS 20.515	301 020-1	3, 5	1, 2, 3	3	1, 2, 3	874,00	
	301 020-1	3, 5	1, 2, 3	3	4	901,00	
	301 020-1	3, 5	1, 2, 3	3	5	959,00	
	301 020-2	3, 5	1, 2, 3	3	1, 2, 3	835,00	
	301 020-2	3, 5	1, 2, 3	3	4	862,00	
	301 020-2	3, 5	1, 2, 3	3	5	920,00	
SS 20.516	301 025-1	3, 5	1, 2, 3	3	1, 2, 3	929,00	
	301 025-1	3, 5	1, 2, 3	3	4	956,00	
	301 025-1	3, 5	1, 2, 3	3	5	1.014,00	
	301 025-2	3, 5	1, 2, 3	3	1, 2, 3	890,00	
	301 025-2	3, 5	1, 2, 3	3	4	917,00	
	301 025-2	3, 5	1, 2, 3	3	5	974,00	
Service for SS 20.515 / .516	390 020	Functional test with repair cost quotation				35,00	
ISO Calibration Certificate	300 814-5	0 ... 1 m/s	4 calibration points			187,00	
	300 814-3	0 ... 2,5 m/s	7 calibration points			192,00	

Accessories SS 20.515/516		A
Artikel No.	Description	Price €
301 008	Coupler socket 4-pin, with screw connections	17,00
300 722-1	Connecting cable 4 pin, length 5 m, with coupler socket and open cable end sleeves	41,00
300 722-2	Connecting cable 4 pin, length 10m, with coupler socket and open cable end sleeves	71,00
301 045	Fixing bracket for electronics	28,00



Type	Article No.	Configuration	Mount. length	Meas. range	Output	Output	Frequency	Pressure (bar)
SS 20.60	506 300- K-XYZSFDD	K 1 Standard	X 1 120 mm 2 180 mm 3 190 mm / 3 m ¹⁾ 4 250 mm 5 400 mm	0 ... 60 m/s 0 ... 40 m/s 0 ... 20 m/s 0 ... 10 m/s 0 ... 2,5 m/s	Z 1 0 ... 10 V 2 0 ... 20 mA 3 4 ... 20 mA	S 1 Impuls(e)	F 2 0 ... 100 Hz 3 0 ... 40 Hz 4 0 ... 20 Hz 5 0 ... 16 Hz 6 0 ... 10 Hz	DD 00 0 ²⁾ 01 1 02 2 16 16
SS 20.60 HS				0 ... 120 m/s 0 ... 160 m/s 0 ... 200 m/s				
SS 20.60 FB		2 DeviceNet 3 Profibus DP						

Temperatur range ³⁾	K-XYZSFDD	¹⁾ Remote sensor
-20 ... +85 °C	All versions	²⁾ Remote sensor only for atmosph. pressure
0 ... 120 °C	X= 3 (190 mm / 3 m) D = 00 ... 01	³⁾ Electronic max. +60 °C

Article configuration								Price €
K	X	Y	Z	S	F	DD		

SS 20.60 (Including connection cable 5 m length, press fitting brass)								
506 300-	1	1, 2	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.159,00
506 300-	1	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	1.330,00
506 300-	1	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.256,00

SS 20.60 HS (Including connection cable 5 m length, press fitting brass)								
506 300-	1	1, 2	6	1 ... 3	1	1 ... 6	00 ... 16	1.476,00
506 300-	1	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	1.572,00
506 300-	1	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	1.687,00
506 300-	1	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	1.784,00
506 300-	1	1, 2	8	1 ... 3	1	1 ... 6	00 ... 16	1.771,35
506 300-	1	4, 5	8	1 ... 3	1	1 ... 6	00 ... 16	1.873,20

Service for SS 20.60 / SS 20.60 HS	390 020	Functional test with repair cost quotation	35,00
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SS 20.60 FB (Including CD-rom, press fitting brass, without connection cables)								Price €
K	X	Y	Z	S	F	DD		

SS 20.60 FB (Profibus DP)								
506 300-	3	1, 2	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.550,00
506 300-	3	3	1 ... 5	1 ... 2	1	1 ... 6	00... 01	1.721,00
506 300-	3	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.646,00
506 300-	3	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	1.867,00
506 300-	3	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	1.963,00
506 300-	3	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	1.867,00
506 300-	3	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	1.963,00

SCHMIDT® Flow Sensor SS 20.60



SS 20.60 FB (DeviceNet)

506 300-	2	1, 2	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.592,00
506 300-	2	3	1 ... 5	1 ... 2	1	1 ... 6	00... 01	1.763,00
506 300-	2	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.688,00
506 300-	2	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	1.909,00
506 300-	2	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	2.005,00
506 300-	2	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	2.120,00
506 300-	2	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	2.216,00
Service for SS 20.60 FB		390 024	Functional test with repair cost quotation					47,00

SS 20.60/60HS/60FB		Article No.	Description		Price
ISO Calibration Certificate		300 815-5	0 ... 2,5 m/s	4 Calibration points	187,00
		300 815-4	0 ... 10 m/s	5 Calibration points	187,00
		300 815-3	0 ... 20 m/s	5 Calibration points	187,00
		300 815-2	0 ... 40 m/s	6 Calibration points	217,00
		300 815-1	0 ... 60 m/s	7 Calibration points	258,00
		300 815-6	0 ... 120 m/s	8 Calibration points	268,00
		300 815-7	0 ... 160 m/s	8 Calibration points	288,00
		300 815-8	0 ... 200 m/s	8 Calibration points	304,00
DKD Calibration Certificate				On request	

Accessories SS 20.60

Article No.	Description	Price €
301 008	Coupler socket 4-pin, with screw connections	17,00
300 722-2	Connecting cable 4 pin, length 10 m, with coupler socket and open cable end sleeves	71,00
511 958	Through bolt joint, stainless steel with Viton sealing, G 1/2 x 23, multi removable	110,00
524 916	Welding sleeve steel G 1/2, EN 10241, 5 pcs	31,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs	23,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	164,00
300 838	8 digit display (counter) 72 x 72 x 108 mm, pulse input, power supply 24 V DC	510,00

SCHMIDT® Flow Sensor SS 20.650



Description		Article No.							Price €	
Basic Sensor	SCHMIDT® Flow Sensor SS 20.650; Tmax. +200 °C; atmospheric pressure; inclusive press fitting	524500-KXYZPFDD	K (Output)	X (Length)	Y (Meas. range)	Z (Adjustment)	P (Version)	F (Frequency)	DD (Pressure range)	1.200,00
Options:										
Price €										
Output signals	2 x 0..10 V (m/s and °C), Digital output (Impulse)		1							0,00
	2 x 4..20 mA (m/s and °C), Digital output (Impulse)		2							0,00
	DeviceNet with cable clamp		3							430,00
	PROFIBUS DP with cable clamp		4							390,00
	Frequency digital output 0..100 Hz							2		0,00
Frequency digital output (Options: 0..40 / 20 / 16 / 10 Hz); 0.._____Hz								3		70,00
Mechanical version	Sensor length 400 mm			1						0,00
	Sensor length 600 mm			2						0,00
	Sensor length 1.000 mm			3						160,00
	Special length (> 400... 1.000 mm): Length: _____mm			9						315,00
Temperature and pressure	Basic version (atmospheric pressure); Tmax. +200°C						1			0,00
	Pressure-resistant high temperature version (16 bar overpressure) and Tmax. Up to +350 °C, include pressure-resistant press fitting						2			920,00
	Working overpressure DD: 00 (Atmosphere)..16 (16 bar overpressure)								00...16	0,00
Measuring range and calibration	Measuring range 0..10 m/s				2					0,00
	Measuring range 0..20 m/s				3					0,00
	Measuring range 0..40 m/s (Pressure-resistant high temperature version Tmax. +200°C)				4					0,00
	Messbereich 0..60m/s (Pressure-resistant high temperature version Tmax. +200 °C)				5					0,00
	Standard adjustment						1			0,00
	High precision adjustment including ISO calibration certificate for flow						2			195,00
Description		Article No.							Price €	
Accessories SS 20.650	Connecting cable 8-pin, length 5 m, with coupler socket and open cable end sleeves	524 921								67,00
	Coupler socket 8-pin, cable length selectable, free of halogen, with cable end sleeves	524 942								76,00 + 1,90/m
	Coupler socket 8-pin, with screw connections, for cable diameter 6 ... 8 mm	524 929								41,00
	Welding sleeve steel G1/2, according to EN 10241, 5 pieces	524 916								31,00
	Welding sleeve stainless steel 1.4571 G1/2, according to EN 10241, 2 pieces	524 882								23,00
	Display 8 digit ,72 x 72 x 108mm, with impulse input, 24 V DC / 6W	300 838								510,00
	Power supply 24 V DC, terminal strip connection	300 640								164,00
	Current/voltage source	On request								
A	LED display wall mounting design	On request								



Type	Article No.	Mounting length	Measuring range	Measuring direction	Output	Representation of bidirectional meas. value
SS 23.400 ATEX 3	513 970- XYDZRP	X	Y	D	Z	R
		1 130 mm	1 0 ... 1 m/s	1 Unidirectional	1 0 ... 10 V	1 OC1 = direction signal
		2 200 mm	2 0 ... 2,5 m/s	2 Bidirectional	2 0 ... 5 V	2 Analog signal contains direction information 0 m/s = 1/2 analog value
		3 300 mm	3 0 ... 5 m/s		3 0 ... 2 V	
			4 0 ... 10 m/s		4 0 ... 20 mA	
	5 0 ... 20 m/s		5 4 ... 20 mA	3 Unidirectional		

Article No.		X	Y	D	Z	R		Price €
SS 23.400 ATEX 3	513 970-	1	1, 2, 3, 4, 5	1	1, 2, 3	1, 2, 3	¹⁾	885,00
	513 970-	2	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	905,00
	513 970-	3	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	925,00
	513 970-	1	1, 2, 3, 4, 5	2	1, 2, 3	1, 2, 3	¹⁾	955,00
	513 970-	2	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	¹⁾	976,00
513 970-	3	1, 2, 3, 4, 5	2	1, 2, 3	1, 2, 3	¹⁾	995,00	

Sensor settings	P	S	Factory settings according data sheet	0,00
		K	Programming of output polarity, switching point, direction signal, response time, output del	31,00

Service for SS 23.400	390 020	Functional test with repair cost quotation	35,00
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¹⁾ATTENTION: ATEX approval is only valid with an original SCHMIDT® connection cable

Article No.	Measuring range	Calibration points	Price €	
ISO Calibration Certificate	506 247-11	0 ... 1 m/s	6 calibration points, unidirectional	187,00
	506 247-21	0 ... 2,5 m/s	8 calibration points, unidirectional	192,00
	506 247-31	0 ... 5 m/s	8 calibration points, unidirectional	192,00
	506 247-41	0 ... 10 m/s	8 calibration points, unidirectional	192,00
	506 247-51	0 ... 20 m/s	9 calibration points, unidirectional	210,00
	506 247-12	0 ... 1 m/s	12 calibration points, bidirectional	282,00
	506 247-22	0 ... 2,5 m/s	16 calibration points, bidirectional	295,00
	506 247-32	0 ... 5 m/s	16 calibration points, bidirectional	295,00
	506 247-42	0 ... 10 m/s	16 calibration points, bidirectional	295,00
506 247-52	0 ... 20 m/s	18 calibration points, bidirectional	330,00	

Accessories SS 23.400 (ATEX)		
Article no.	Description	Price €
520 181	Wall mounting flange, stainless steel, PTFE clamp ring	143,00
503 895	Wall holder	26,00
301 082	Press fitting, stainless steel, clamp ring PTFE	61,00
505 911-1	Connection cable, 2 m length	49,00
505 911-2	Connection cable, 5 m length	65,00
505 911-3	Connection cable, 10 m length	78,00
505 960	Programming kit	510,00
506 944	Extension cable, 2 m length, between programming kit and sensor	92,00
524 882	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	23,00



Type	Article No.	Configuration	Mount. length	Meas. range	Output	Output	Frequency	Pressure (bar)
SS 25.60	510 799- K-XYZSFDD	K 1 Standard	X	Y	Z	S	F	DD
			1 120 mm	1 0 ... 60 m/s	1 0 ... 10 V	1 Impuls(e)		00 0 ²⁾
			2 180 mm	2 0 ... 40 m/s	2 0 ... 20 mA		2 0 ... 100 Hz	01 1
			3 190 mm / 3 m ¹⁾	3 0 ... 20 m/s	3 4 ... 20 mA		3 0 ... 40 Hz	02 2
			4 250 mm	4 0 ... 10 m/s			4 0 ... 20 Hz
5 400 mm	5 0 ... 2,5 m/s			5 0 ... 16 Hz			
				6 0 ... 10 Hz	16 16			
SS 25.60 HS				6 0 ... 120 m/s				
				7 0 ... 160 m/s				
				8 0 ... 200 m/s				
SS 25.60 FB		2 DeviceNet						
		3 Profibus DP						

Temperature range ³⁾	K-XYZSFDD	¹⁾ Remote sensor
-20 ... + 85 °C	All versions	²⁾ Remote sensor only for atmosph. pressure
0 ... 120 °C	X = 3 (190 mm / 3 m) D = 00 ... 01	³⁾ Electronics max. +60 °C

Article configuration								Price €
K	X	Y	Z	S	F	DD		

SS 25.60 (Including connection cable 5 m length, press fitting stainless steel)								
510 799-	1	1, 2	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.564,00
510 799-	1	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	1.735,00
510 799-	1	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.661,00

SS 25.60 HS (Including connection cable 5 m length, press fitting stainless steel)								
510 799-	1	1, 2	6	1 ... 3	1	1 ... 6	00 ... 16	1.881,00
510 799-	1	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	1.977,00
510 799-	1	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	2.092,00
510 799-	1	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	2.189,00
510 799-	1	1, 2	8	1 ... 3	1	1 ... 6	00 ... 16	2.176,35
510 799-	1	4, 5	8	1 ... 3	1	1 ... 6	00 ... 16	2.278,20

Service for SS 25.60 / SS 25.60 HS	515 745	Cleaning, new packaging oxygen suitable	270,00
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Service for SS 25.60 / SS 25.60 HS	390 020	Functional test with repair cost quotation	35,00
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SS 25.60 FB (Including CD-rom, press fitting brass, without connection cables)								
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SS 25.60 FB (I) Article configuration								Price €
K	X	Y	Z	S	F	DD		

510 799-	3	1, 2	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.955,00
510 799-	3	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	2.126,00
510 799-	3	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	2.051,00
510 799-	3	1, 2	6	1 ... 3	1	1 ... 6	00 ... 16	2.272,00
510 799-	3	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	2.368,00
510 799-	3	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	2.272,00
510 799-	3	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	2.368,00



SS 25.60 FB (DeviceNet)								
510 799-	2	1, 2	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.997,00
510 799-	2	3	1 ... 5	1 ... 3	1	1 ... 6	00... 01	2.168,00
510 799-	2	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	2.093,00
510 799-	2	1, 2	6	1 ... 3	1	1 ... 6	00 ... 16	2.314,00
510 799-	2	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	2.410,00
510 799-	2	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	2.525,00
510 799-	2	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	2.621,00

Service for SS 25.60 / SS 25.60 HS	SS	515 745	Cleaning, new packaging oxygen suitable					270,00
Service for SS 25.60 FB		390 024	Functional test with repair cost quotation					47,00

SS 25.60 / 60HS / 60FB	Article No.	Description		Price
		300 815-5	0 ... 2,5 m/s	
	300 815-4	0 ... 10 m/s	5 calibration points	187,00
	300 815-3	0 ... 20 m/s	5 calibration points	187,00
ISO Calibration Certificate	300 815-2	0 ... 40 m/s	6 calibration points	217,00
	300 815-1	0 ... 60 m/s	7 calibration points	258,00
	300 815-6	0 ... 120 m/s	8 calibration points	268,00
	300 815-7	0 ... 160 m/s	8 calibration points	288,00
	300 815-8	0 ... 200 m/s	8 calibration points	304,00
DKD Calibration Certificate			On request	

Accessories SS 25.60		A
Article no..	Description	Price €
511 957	Female connector, 4-pole, with screw terminals, O2 suitable (not for SS 25.60 FB)	55,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	164,00
300 838	8 digit display (counter) 72 x 72 x 108 mm, pulse input, power supply 24 V DC	510,00

SCHMIDT® Flow Sensor SS 30.30X					
Type	Article No.	Measuring Ranges	Thread	Length	Price €
SS 30.300	508 520	76,5 m ³ /h	DN 15 / R 1/2	300 mm	575,00
SS 30.301	508 521	229 m ³ /h	DN 25 / R 1	475 mm	620,00
SS 30.302	508 522	417 m ³ /h	DN 40 / R 1 1/2	475 mm	779,00
SS 30.303	508 523	712 m ³ /h	DN 50 / R 2	475 mm	815,00
Service	390 020	Functional test with repair cost quotation			35,00
ISO Calibration Certificate	510 356-1	SS 30.300 / 76,5 m ³ /h	6 calibration points		280,00
	510 356-2	SS 30.301 / 229 m ³ /h	6 calibration points		320,00
	510 356-3	SS 30.302 / 417 m ³ /h	8 calibration points		340,00
	510 356-4	SS 30.303 / 712 m ³ /h	8 calibration points		360,00
Accessories A	301 008	Female connector, 4-pole, with screw terminal			17,00
	300 722-1	Connection cable, 4-pole, length 5 m			41,00
	301 722-2	Connection cable, 4-pole, length 10 m			71,00



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