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better measurement



SCHMIDT® Flow Sensors



Price List 2012

Effective from 1st January 2012, issue

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Price List 2012

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Price List 2012 - SCHMIDT® Flow Sensors

SCHMIDT® flow sensors are produced in customized version within a few 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. The General Terms of Delivery and Sales are available at www.schmidttechnology.com as a PDF file.



SCHMIDT Flow Switch SS 20.200

	Description	Article No.						Price €
Basic Sensor	SCHMIDT® Flow Switch SS 20.200; with switching output, cable length 2 m, without protective coating	504 475	X	Y	Z	S	N xx	344,00
	Optionen							
Mechanical Type	Probe length 100 mm		1					0,00
	Probe length 200 mm		2					0,00
	Probe length 350 mm		3					0,00
	Probe length 500 mm		4					0,00
Measuring range and calibration	Measuring range 0...1 m/s			1				0,00
	Measuring range 0... 2,5 m/s			2				0,00
	Measuring range 0...10 m/s			3				0,00
	Measuring range 0...20 m/s			4				0,00
Protection design	Without protective coating				1			0,00
	With protective coating				2			83,00
Signalization Relais / LED	W _N >Switching threshold: Relay includes / LED on					1		0,00
	W _N >Switching threshold: Relay open / LED on					2		0,00
	W _N <Switching threshold: Relay includes/ LED on					3		0,00
	W _N <Switching threshold: Relais open / LED on					4		0,00
Setting threshold	With setting potentiometer, without pre-setting						P 00	0,00
	With setting potentiometer, selectable pre-setting of 5 up to 95 % of measuring value						P 05 .. 95	11,00
	Selectable pre- programming (not changeable) from 5 up to 95 % of measuring range						F 05 ... 95	11,00
	Description	Article No.						
Accessories	Mounting flange made of galvanized steel						301 048	39,00
	Wall-mounting flange, stainless steel, PTFE-clamping ring						520 181	148,00
	Compression fitting, stainless steel, G 1/2, atmospheric pressure						532 160	63,00
	Compression fitting brass G ½, atmospheric pressure						517 206	31,00
	Compression fitting stainless steel G ½, max. 10 bar, with protection against pressure losses						524 919	118,00
	Compression fitting brass G ½, max. 10 bar, with protection against pressure losses						524 891	53,00
	Welding sleeve steel G ½, according to EN 10241, 5 pieces						524 916	32,00
	Welding sleeve stainless steel G ½, according to EN 10241, 2 pieces						524 882	24,00
	Attachable protective clip for dumbbell head against mechanical influences, stainless steel						531026	56,00

SCHMIDT® Flow Sensor SS 20.250



Description		Article 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 length 300 mm		1					0,00	
	Sensor length 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					2		201,00	
Protection design	Without protective coating					1		0,00	
	Protective coating					2		83,00	
Connecting cable	Cable length 2,0 m						1	0,00	
	Special cable length: _____mm						2	47,00 + 0,48/10cm	
Description		Article No.					Price €		
Accessories SS 20.250	Mounting flange steel, galvanic zinc-plated							301 048	39,00
	Wall-mounting flange, stainless steel, PTFE- clamping ring							520 181	148,00
	Compression fitting, stainless steel, G 1/2, atmospheric pressure							532 160	63,00
	Compression fitting, brass, G 1/2, atmospheric pressure							517 206	31,00
	Welded sleeve steel G 1/2, EN 10241, 5 pcs							524 916	32,00
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs							524 882	24,00
	Attachable protective clip for dumbbell head against mechanical influences, stainless steel							531 026	56,00
	LED display MD 10.010 in wall housing to show volume flow and flow velocity (or other values), 85 ... 230 V AC and sensor power supply							527 320	385,00
	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply							528 240	385,00
	LED display MD 10.015, similar to 527 320 but with additional sum function and second measuring input							527 330	430,00
	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply							528 250	430,00
	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to pipe diameter							531 394	42,00

SCHMIDT® Flow Sensor SS 20.260




Description		Article No.					Price €	
Basic Sensor	SCHMIDT® Flow Sensor SS 20.260; 1 x output signal 4 ... 20 mA or 0 ... 10 V; cable length 2m	506 690-1	X	Y	Z	K	A	375,00
Options							Price €	
Mechanical type	Probe length 50 mm		1					0,00
	Probe length 100 mm		2					0,00
	Probe length 200 mm		3					0,00
	Probe length 350 mm		4					0,00
	Probe length 500 mm		5					0,00
Measuring range and calibration	Measuring range 0...2,5 m/s			1				0,00
	Measuring range 0...10 m/s			2				0,00
	Measuring range 0...20 m/s			3				0,00
	Measuring range 0...40 m/s			4				25,00
	Standard calibration				1			0,00
	High precision calibration flow including ISO calibration certificate				2			201,00
Output signals	0...10 V					1		0,00
	4...20 mA					2		0,00
Connection cable	Cable length 2,0 m						1	0,00
	Special cabel length: _____cm						9	47,00 + 0,48€/10 cm
Description		Article No.					Price €	
Basic sensor with temperature output	SCHMIDT® Flow Sensor SS 20.260; 2 x output signals 4 ... 20 mA; cable length 2 m	506 690-2	X	Y	Z	4	A	410,00
Mechanical type	Probe length 50 mm		1					0,00
	Probe length 100 mm		2					0,00
	Probe length 200 mm		3					0,00
	Probe length 350 mm		4					0,00
	Probe length 500 mm		5					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			4				25,00
	Measuring range 0...50 m/s			5				25,00
	Standard calibration				1			0,00
	High precision calibration with ISO calibration certificate				2			201,00
Connection cable	Cabel length 2,0 m						1	0,00
	Special length: _____cm						9	47,00 + 0,48€/10 cm
Description		Article No.					Price €	
Accessories SS 20.260	Mounting flange steel, galvanic zinc-plated		301 048					39,00
	Press fitting brass G1/2, atmospheric pressure		517 206					31,00
	Welding sleeve steel G1/2, according to EN 10241, 5 pieces		524 916					32,00
	LED display MD 10.010 in wall housing to show volume flow and flow velocity (or other values), 85 ... 230 V AC and sensor power supply		527 320					385,00
	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply		528 240					385,00
	LED display MD 10.015, similar to 527 320 but with additional sum function and second measuring input		527 330					430,00
	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply		528 250					430,00
	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to pipe diameter		531 394					42,00

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 2 m	526 335 - XYZ	X	Y	Z	648,00		
	Optionen:					Price €		
Sensor length	Sensor length 200 mm incl. press fitting brass G 1/2 , atmospheric pressure	1				0,00		
	Sensor length 350 mm incl. press fitting brass G1/2, atmospheric pressure	2				0,00		
	Sensor length 200 mm incl. press fitting stainless steel R1/2 (PT) atmospheric pressure	3				31,00		
	Sensor length 350 mm incl. press fitting stainless steel R1/2 (PT) atmospheric pressure	4				31,00		
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		70,00		
	Standard calibration				1	0,00		
	High precision adjustment including ISO calibration certificate				2	201,00		
Description		Article No.			Price €			
Accessories SS20.261	Welding sleeve steel G1/2", according to EN 10241, 5 pieces	524 916			32,00			
	Welding sleeve stainless steel G ½, according to EN 10241, 2 pieces	524 882			24,00			
	LED display MD 10.010 in wall housing to show volume flow and flow velocity (or other values), 85 ... 230 V AC and sensor power supply	527 320			385,00			
	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply	528 240			385,00			
	LED display MD 10.015, similar to 527 320 but with an additional sum function and a second measuring input	527 330			430,00			
	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply	528 250			430,00			
	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to the pipe diameter	531 394			42,00			
	Description	Article No.	Price €	Price € 5...9 pcs	Price € 10...29 pcs	Price € 30...50 pcs		
	Probe ball valve 1" inside thread, brass nickel-plated, PN 32, connection flow sensor: 1/2" inside thread incl. plug and chain	530 940	38,00	36,50	33,40	30,40		
	Probe ball valve 1 1/4" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	530 941	69,00	65,50	60,70	55,20		
Probe ball valve 1 1/2" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	530 942	97,00	92,20	85,40	77,60			
Probe ball valve 2" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	530 943	134,00	127,30	117,90	107,20			
Ball valve, 3/4" inside thread, brass nickel-plated, PN 40; with thread adapter on 1/2" compression fitting	532 355	51,50	48,90	45,30	41,00			
Welded socket steel outside thread 3/4", 5 pieces	531 200	23,00	21,90	20,30	18,50			
Welded socket stainless steel outside thread 3/4", 2 pieces	532 201	20,50	19,40	18,00	16,40			

SCHMIDT® Flow Sensor SS 20.400							
							
Type	Article No.	Mounting length	Measuring range	Measuring direction	Output	Representation of measured 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	683,00
	518 210-	2	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	704,00
	518 210-	3	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	725,00
	518 210-	1	1, 2, 3, 4, 5	2	1, 2, 3	1, 2, 3	755,00
	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	777,00
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				32,00
Service for SS 20.400		390 020	Functional test with repair cost quotation				37,00
	Article No.						Price €
ISO Calibration Certificate	506 247-11	0 ... 1 m/s	6 calibration points, unidirectional				193,00
	506 247-21	0 ... 2,5 m/s	8 calibration points, unidirectional				198,00
	506 247-31	0 ... 5 m/s	8 calibration points, unidirectional				198,00
	506 247-41	0 ... 10 m/s	8 calibration points, unidirectional				198,00
	506 247-51	0 ... 20 m/s	9 calibration points, unidirectional				217,00
	506 247-12	0 ... 1 m/s	12 calibration points, bidirectional				291,00
	506 247-22	0 ... 2,5 m/s	16 calibration points, bidirectional				304,00
	506 247-32	0 ... 5 m/s	16 calibration points, bidirectional				304,00
	506 247-42	0 ... 10 m/s	16 calibration points, bidirectional				304,00
506 247-52	0 ... 20 m/s	18 calibration points, bidirectional				340,00	
Accessories SS 20.400 A							
Article no.	Description						Price €
507 150	Female connector, 7 pole, for soldering of cables 0.14 mm ²						30,00
508 140	Connection cable with female angled connector, length 10 m, with clipped cable ends						83,00
505 911-1	Connection cable with female connector, length 2 m, with clipped cable ends						51,00
505 911-2	Connection cable with female connector, length 5 m, with clipped cable ends						67,00
505 911-3	Connection cable with female connector, length 10 m, with clipped cable ends						81,00
520 181	Wall mounting flange, stainless steel, PTFE clamp ring						148,00
503 895	Wall holder						27,00
532 160	Compression fitting, stainless steel, clamp ring PTFE						63,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs						24,00
505 960	Programming Kit						526,00
506 944	Extension cable, length 2 m, between programming kit and sensor						95,00
524 916	Welding sleeve steel G1/2, according to EN 10241, 5 pieces						32,00
527 320	LED display MD 10.010 in wall housing to show volume flow and flow velocity (or other values), 85 ... 230 V AC and sensor power supply						385,00
528 240	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply						385,00
527 330	LED display MD 10.015, similar to 527 320 but with an additional sum function and second measuring input						430,00
528 250	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply						430,00
531 394	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to pipe diameter						42,00

SCHMIDT® Flow Sensors SS 23.400 (ATEX)																																																																		
Type	Article No.	Mounting length	Measuring range	Measuring direction	Output	Representation of measured 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	3																																																												
			4 0 ... 10 m/s		4 0 ... 20 mA	4																																																												
		5 0 ... 20 m/s		5 4 ... 20 mA	3	Unidirectional																																																												
<table border="1"> <thead> <tr> <th colspan="2">Article No.</th> <th>X</th> <th>Y</th> <th>D</th> <th>Z</th> <th>R</th> <th></th> <th>Price €</th> </tr> </thead> <tbody> <tr> <td rowspan="6">SS 23.400 ATEX 3</td> <td>513 970-</td> <td>1</td> <td>1, 2, 3, 4, 5</td> <td>1</td> <td>1, 2, 3</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>912,00</td> </tr> <tr> <td>513 970-</td> <td>2</td> <td>1, 2, 3, 4, 5</td> <td>1</td> <td>1, 2, 3, 4, 5</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>933,00</td> </tr> <tr> <td>513 970-</td> <td>3</td> <td>1, 2, 3, 4, 5</td> <td>1</td> <td>1, 2, 3, 4, 5</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>953,00</td> </tr> <tr> <td>513 970-</td> <td>1</td> <td>1, 2, 3, 4, 5</td> <td>2</td> <td>1, 2, 3</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>984,00</td> </tr> <tr> <td>513 970-</td> <td>2</td> <td>1, 2, 3, 4, 5</td> <td>2</td> <td>1, 2, 3, 4, 5</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>1.006,00</td> </tr> <tr> <td>513 970-</td> <td>3</td> <td>1, 2, 3, 4, 5</td> <td>2</td> <td>1, 2, 3, 4, 5</td> <td>1, 2, 3</td> <td>¹⁾</td> <td>1.025,00</td> </tr> </tbody> </table>									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⁾	912,00	513 970-	2	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	933,00	513 970-	3	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	953,00	513 970-	1	1, 2, 3, 4, 5	2	1, 2, 3	1, 2, 3	¹⁾	984,00	513 970-	2	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	¹⁾	1.006,00	513 970-	3	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	¹⁾	1.025,00
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⁾	912,00																																																										
	513 970-	2	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	933,00																																																										
	513 970-	3	1, 2, 3, 4, 5	1	1, 2, 3, 4, 5	1, 2, 3	¹⁾	953,00																																																										
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	513 970-	3	1, 2, 3, 4, 5	2	1, 2, 3, 4, 5	1, 2, 3	¹⁾	1.025,00																																																										
Sensor settings	P	S	Factory settings according data sheet						0,00																																																									
		K	Programming of output polarity, switching point, direction signal, response time, output delay						32,00																																																									
Service for SS 23.400		390 020	Functional test with repair cost quotation						37,00																																																									

¹⁾ATTENTION: ATEX approval is only valid with an original SCHMIDT® connection cable

	Article No.		Price €	
ISO Calibration Certificate	506 247-11	0 ... 1 m/s	6 calibration points, unidirectional	193,00
	506 247-21	0 ... 2,5 m/s	8 calibration points, unidirectional	198,00
	506 247-31	0 ... 5 m/s	8 calibration points, unidirectional	198,00
	506 247-41	0 ... 10 m/s	8 calibration points, unidirectional	198,00
	506 247-51	0 ... 20 m/s	9 calibration points, unidirectional	217,00
	506 247-12	0 ... 1 m/s	12 calibration points, bidirectional	291,00
	506 247-22	0 ... 2,5 m/s	16 calibration points, bidirectional	304,00
	506 247-32	0 ... 5 m/s	16 calibration points, bidirectional	304,00
	506 247-42	0 ... 10 m/s	16 calibration points, bidirectional	304,00
	506 247-52	0 ... 20 m/s	18 calibration points, bidirectional	340,00

Accessories SS 23.400 (ATEX) A		
Article no.	Description	Price €
520 181	Wall mounting flange, stainless steel, PTFE clamp ring	51,00
503 895	Wall holder	67,00
532 160	Compression fitting, stainless steel, clamp ring PTFE	81,00
505 911-1	Connection cable, 2 m length	51,00
505 911-2	Connection cable, 5 m length	27,00
505 911-3	Connection cable, 10 m length	81,00
505 960	Programming kit	24,00
506 944	Extension cable, 2 m length, between programming kit and sensor	526,00
524 882	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	95,00

SCHMIDT® Flow Sensor SS 20.415 and SS 20.515													
Description		Article No.									Price €		
Basicsensor	SCHMIDT® Flow Sensor SS 20.415 Version as thermopile head	531 953-	A	1	C	D	E	F	G	H	I	710,00	
	SCHMIDT® Flow Sensor SS 20.515 Version as dumb-bell head	524 515 -	A	B	C	D	1	1	G	H	1	590,00	
Optionen													
Mechanical type	Probe length 270 x 300mm		1									45,00	
	Probe length 300 mm (straight)		2									0,00	
	Special length (only straight:> 100 mm til 1.000 mm) length: _____mm		9									140,00	
Protection type	Without protective coating			1								0,00	
	With protective coating (only SS 20.515)			2								83,00	
Mechanical fixation	Threaded bush M25 with counter nut				1							75,00	
	Threaded bush M25 with thread adaptor M25 x 1.5 to PG21				2							75,00	
	Threaded bush M25 with shank nut				3							95,00	
	Welding bush				4							25,00	
	Flange bush				5							110,00	
	Without fixation material				6							0,00	
Measurement range	Measuring range 0..1 m/s					1						0,00	
	Measuring range 0.. 2,5 m/s					2						0,00	
	Measuring range 0 ... 10 m/s					3						40,00	
Measurement direction	Unidirectional - Standard calibration						1					0,00	
	Bidirectional (only SS 20.415)						2					75,00	
Representation of the direction	Switching output OC 1 = direction signal (only SS 20.415, bidirectional)							1				0,00	
	Representation of the direction with halved analog signal: 0 m / s = 8 mA or 5 V output signal (only SS 20.415, bidirectional)							2				0,00	
	Unidirectional							3				0,00	
Output signals	0 ... 10 V								1			0,00	
	4 ... 20 mA								2			0,00	
Setting and calibration	Default calibration									1		0,00	
	High precision calibration incl. ISO calibration certificate									2		201,00	
	High precision calibration incl. ISO calibration certificate, bidirectional (only SS 20.415)									3		330,00	
Sensor-Programming	Factory settings										1	0,00	
	Customer-specific programming (only SS 20.415) of switching polarity, threshold value, splitting signal, response time										2	42,00	
Description		Article No.									Price €		
Accessories	Coupler socket, 7-pin with soldering sleeves for cable Ø 0.14 mm²											507 150	30,00
	Connection cable with coupler socket, length: 2 m, open cable ends, material PUR											505 911-1	51,00
	Connection cable with coupler socket, 5 m length, open cable ends, material PUR											505 911-2	67,00
	Connection cable with coupler socket, length freely definable, open cable ends, material											505 911-4	61,00 + 2,20/m
	Connection cable, 7-pin with angle junction box, 10 m length, open cable ends, material											508 140	83,00
	Programming kit with 2 m connection cable between programming kit and sensor (only for SS 20.415)											505 960	526,00
	Slip-on safety bar for dumb-bell head against mechanical influences, stainless steel (only for SS 20.515)											531 026	56,00
	SCHMIDT® LED display MD 10.010; in the wall housing to visualize volumetric flow and flow velocity (or other values), 85 ... 250 V AC and sensor supply											527 320	385,00
	SCHMIDT® LED display MD 10.010; as with 527 320 but with 24 V DC voltage supply											528 240	385,00
	SCHMIDT® LED display MD 10.015; in the wall housing to visualize volumetric flow and input, 85 ... 250 V AC and sensor supply flow velocity (or other values) with additional sum function and second measuring											527 330	430,00
	clamps and band to adapt it to the tube's diameter											528 250	430,00
Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to the pipe diameter											531 394	42,00	

SCHMIDT® Flow Sensor SS 20.500



Description		Article No.					Price €	
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	640,00
	Options:							Price €
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					142,00
	Remote sensor with 3m cable		4					88,00
Protection design	Without ATEX design						1	0,00
	ATEX design						2	290,00
	Without protective coating					1		0,00
	Protective coating					2		83,00
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				26,00
	Measuring range 0..35 m/s			5				42,00
	Standard adjustment					1		0,00
	High precision adjustment including ISO calibration certificate for flow					2		201,00
Description		Article No.					Price €	
Accessories SS 20.500	Connection cable 5-pin, length 5 m, with coupler socket and clipped cable ends		523 565					38,00
	Connection cable 5-pin, selectable length, with coupler socket and clipped cable ends, halogen free		523 566					61,00 + 1,90 €/m
	Coupler socket 5-pin, with screw terminals, for cable Ø 4.. 6 mm		523 562					31,00
	Mounting flange steel, galvanic zinc-plated		301 048					39,00
	Compression fitting, stainless steel, G 1/2 x 12, atmospheric pressure		532 160					63,00
	Compression fitting, brass, G 1/2, atmospheric pressure		517 206					31,00
	Compression fitting, brass, max. 10 bar with pressure relief device		524 891					53,00
	Compression fitting, stainless steel, max. 10 bar with pressure relief device		524 919					118,00
	Welded sleeve steel G 1/2, EN 10241, 5 pcs		524 916					32,00
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs		524 882					24,00
	Attachable protective clip for dumbbell head against mechanical influences, stainless steel		531 026					56,00
	Power supply, output 24 V DC, supply voltage 115/230 V AC		300 640					169,00
	LED display MD 10.010 in wall housing to show the volume flow and the flow velocity, 85 ... 230 V AC and sensor power supply		527 320					385,00
	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply		528 240					385,00
	LED display MD 10.015, similar to 527 320 but with an additional sum function and a second measuring input		527 330					430,00
	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply		528 250					430,00
	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to the pipe diameter		531 394					42,00

SCHMIDT® Flow Sensor SS 20.60



Type	Article No.	Configuration	Mount. length	Meas. range	Output	Output	Frequency	Pressure (bar)
SS 20.60	506 300-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		01 1	
			3 190 mm / 3 m ¹⁾	3 0 ... 20 m/s	3 4 ... 20 mA		02 2	
			4 250 mm	4 0 ... 10 m/s			
5 400 mm	5 0 ... 2,5 m/s						
SS 20.60 HS				6 0 ... 120 m/s				
				7 0 ... 160 m/s				
				8 0 ... 200 m/s				
SS 20.60 FB		2 DeviceNet						
		3 Profibus DP						

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

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	1.194,00
506 300-	1	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	1.370,00
506 300-	1	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.294,00

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	1.521,00
506 300-	1	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	1.620,00
506 300-	1	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	1.738,00
506 300-	1	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	1.838,00
506 300-	1	1, 2	8	1 ... 3	1	1 ... 6	00 ... 16	1.825,00
506 300-	1	4, 5	8	1 ... 3	1	1 ... 6	00 ... 16	1.930,00

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)

Article configuration								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	1.597,00
506 300-	3	3	1 ... 5	1 ... 2	1	1 ... 6	00 ... 01	1.773,00
506 300-	3	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.696,00
506 300-	3	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	1.923,00
506 300-	3	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	2.022,00
506 300-	3	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	1.923,00
506 300-	3	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	2.022,00

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	1.640,00
506 300-	2	3	1 ... 5	1 ... 2	1	1 ... 6	00... 01	1.815,00
506 300-	2	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1.739,00
506 300-	2	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	1.967,00
506 300-	2	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	2.066,00
506 300-	2	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	2.184,00
506 300-	2	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	2.283,00

SS 20.60/60HS/60FB		Article No.	Description	Price
ISO Calibration Certificate		300 815-5	0 ... 2,5 m/s 4 Calibration points	193,00
		300 815-4	0 ... 10 m/s 5 Calibration points	193,00
		300 815-3	0 ... 20 m/s 5 Calibration points	193,00
		300 815-2	0 ... 40 m/s 6 Calibration points	224,00
		300 815-1	0 ... 60 m/s 7 Calibration points	266,00
		300 815-6	0 ... 120 m/s 8 Calibration points	277,00
		300 815-7	0 ... 160 m/s 8 Calibration points	297,00
		300 815-8	0 ... 200 m/s 8 Calibration points	314,00
DKD Calibration Certificate			On request	

Accessories SS 20.60 A

Article No.	Description	Price €
301 008	Coupler socket 4-pin, with screw connections	18,00
300 722-2	Connecting cable 4 pin, length 10 m, with coupler socket and open cable end sleeves	74,00
511 958	Through bolt joint, stainless steel with Viton sealing, G 1/2 x 23, multi removable	114,00
524 916	Welding sleeve steel G 1/2, EN 10241, 5 pcs	32,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs	24,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	169,00
527 320	LED display MD 10.010 in wall housing to show the volume flow and the flow velocity, 85 ... 230 V AC and sensor power supply	385,00
528 240	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply	385,00
527 330	LED display MD 10.015, similar to 527 320 but with an additional sum function and a second measuring input	430,00
528 250	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply	430,00
531 394	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to the pipe diameter	42,00

Article Number	Description	Unit price €	Graduated price € 5...9 pcs.	Graduated price € 10...29 pcs.	Graduated price € 30...50 pc.
530 940	Probe ball valve 1" inside thread, brass nickel-plated, PN 32, connection flow sensor: 1/2" inside thread incl. plug and chain	38,00	36,50	33,40	30,40
530 941	Probe ball valve 1 1/4" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	69,00	65,50	60,70	55,20
530 942	Probe ball valve 1 1/2" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	97,00	92,20	85,40	77,60
530 943	Probe ball valve 2" inside thread, brass nickel-plated, PN 20, connection flow sensor: 1/2" inside thread incl. plug and chain	134,00	127,30	117,90	107,20
532 355	Ball valve, 3/4" inside thread, brass nickel-plated, PN 40; with thread adapter on 1/2" compression fitting	51,50	48,90	45,30	41,00
531 200	Welded socket steel outside thread 3/4", 5 pieces	23,00	21,90	20,30	18,50
532 201	Welded socket stainless steel outside thread 3/4", 2 pieces	20,50	19,40	18,00	16,40

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)	1.236,00
Options:										
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							443,00
	PROFIBUS DP with cable clamp		4							402,00
	Frequency digital output 0 ..100 Hz							2		0,00
	Frequency digital output (Options: 0..40 / 20 / 16 / 10 Hz): 0.....Hz							3		73,00
Mechanical version	Sensor length 400 mm			1						0,00
	Sensor length 600 mm			2						0,00
	Sensor length 1.000 mm			3						165,00
	Special length (> 400... 1.000 mm): Length: _____mm			9						325,00
Temperature and pressure	Basic version (atmospheric pressure); Tmax. +200°C						1			0,00
	Pressure-restant high temperature version (16 bar overpressure) and Tmax. Up to +350 °C , inclusive pressure-resistant press fitting						2			948,00
	Working overpressure DD: 00 (atmospheric)..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-resitant high temperature version Tmax. +200°C)				4					0,00
	Messbereich 0..60m/s (Pressure-restant high temperature version Tmax. +200 °C)				5					0,00
	Standard adjustment						1			0,00
	High precision adjustment including ISO calibration certificate						2			201,00
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	69,00
	Coupler socket 8-pin, cable lenght selectable, free of halogen, with cable end sleeves								524 942	79,00 + 2,00/m
	Coupler socket 8-pin, with screw connections, for cable diameter 6 ... 8 mm								524 929	43,00
	Welding sleeve steel G1/2, according to EN 10241, 5 pieces								524 916	32,00
	Welding sleeve stainless steel 1.4571 G1/2, according to EN 10241, 2 pieces								524 882	24,00
	Power supply, output 24 V DC, supply voltage 115/230 V AC								300 640	169,00
	LED display MD 10.010 in wall housing to show volume flow and flow velocity (or other values), 85 ... 230 V AC and sensor power supply								527 320	385,00
	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply								528 240	385,00
	LED display MD 10.015, similar to 527 320 but with additional sum function and second measuring input								527 330	430,00
	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply								528 250	430,00
Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to pipe diameter								531 394	42,00	

SCHMIDT® Flow Sensor SS 25.60



Type	Article No.	Configuration	Mount. length	Meas. range	Output	Output	Frequency	Pressure (bar)	
SS 25.60	510 799- K-XYZSFDD	K 1 Standard	X 1 120 mm	Y 1 0 ... 60 m/s	Z 1 0 ... 10 V	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	
			2 180 mm	2 0 ... 40 m/s	2 0 ... 20 mA				
			3 190 mm / 3 m ¹⁾	3 0 ... 20 m/s	3 4 ... 20 mA				
			4 250 mm	4 0 ... 10 m/s					
			5 400 mm	5 0 ... 2,5 m/s					
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									
	K	X	Y	Z	S	F	DD	Price €	
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	1.611,00	
510 799-	1	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	1.788,00	
510 799-	1	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1.711,00	
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	1.938,00	
510 799-	1	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	2.037,00	
510 799-	1	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	2.155,00	
510 799-	1	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	2.255,00	
510 799-	1	1, 2	8	1 ... 3	1	1 ... 6	00 ... 16	2.242,00	
510 799-	1	4, 5	8	1 ... 3	1	1 ... 6	00 ... 16	2.347,00	
Service for SS 25.60 / SS 25.60 HS		515 745	Cleaning, new packaging oxygen suitable						279,00
SS 25.60 FB (Including CD-rom, press fitting brass, without connection cables)									
Article configuration									
	K	X	Y	Z	S	F	DD	Price €	
510 799-	3	1, 2	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	2.014,00	
510 799-	3	3	1 ... 5	1 ... 3	1	1 ... 6	00... 01	2.190,00	
510 799-	3	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	2.213,00	
510 799-	3	1, 2	6	1 ... 3	1	1 ... 6	00 ... 16	2.341,00	
510 799-	3	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	2.440,00	
510 799-	3	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	2.341,00	
510 799-	3	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	2.440,00	

SCHMIDT® Flow Sensor SS 25.60



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	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	
ISO Calibration Certificate	300 815-5	0 ... 2,5 m/s	4 calibration points
	300 815-4	0 ... 10 m/s	5 calibration points
	300 815-3	0 ... 20 m/s	5 calibration points
	300 815-2	0 ... 40 m/s	6 calibration points
	300 815-1	0 ... 60 m/s	7 calibration points
	300 815-6	0 ... 120 m/s	8 calibration points
	300 815-7	0 ... 160 m/s	8 calibration points
	300 815-8	0 ... 200 m/s	8 calibration points
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)	57,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	169,00
527 320	LED display MD 10.010 in wall housing to show the volume flow and the flow velocity, 85 ... 230 V AC and sensor power supply	385,00
528 240	LED display MD 10.010, similar to 527 320 but with 24 V DC voltage supply	385,00
527 330	LED display MD 10.015, similar to 527 320 but with an additional sum function and a second measuring input	430,00
528 250	LED display MD 10.015, similar to 527 330 but with 24 V DC voltage supply	430,00
531 394	Assembly kit for pipe assembly suitable for MD 10.010 / 10.015, including pipe clamps and collar for adjustment to the pipe diameter	42,00

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	595,00
SS 30.301	508 521	229 m ³ /h	DN 25 / R 1	475 mm	640,00
SS 30.302	508 522	417 m ³ /h	DN 40 / R 1 1/2	475 mm	803,00
SS 30.303	508 523	712 m ³ /h	DN 50 / R 2	475 mm	840,00
ISO Calibration Certificate	510 356-1	SS 30.300 / 76,5 m ³ /h	6 calibration points		289,00
	510 356-2	SS 30.301 / 229 m ³ /h	6 calibration points		330,00
	510 356-3	SS 30.302 / 417 m ³ /h	8 calibration points		351,00
	510 356-4	SS 30.303 / 712 m ³ /h	8 calibration points		371,00
Accessories SS 30.30X	301 008	Female connector, 4-pole, with screw terminal			18,00
	300 722-1	Connection cable, 4-pole, length 5 m			43,00
	301 722-2	Connection cable, 4-pole, length 10 m			74,00

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