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SCHMIDT[®] Flow Sensors



SCHMIDT[®] Flow Sensors

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	374,00
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		215,00
Protection design	Without protective coating					1		0,00
	Protective coating					2		88,00
Connecting cable	Cable length 2,0 m						1	0,00
	Special cable length: _____mm						2	52,00 + 0,53/10cm
Description		Articel No.						Price €
Accessories A	Mounting flange steel, galvanic zinc-plated	301 048						41,00
	Wall-mounting flange, stainless steel, PTFE- clamping ring	520 181						157,00
	Press fitting, stainless steel, G 1/2, atmospheric pressure	301 082						67,00
	Press fitting, brass, G 1/2, atmospheric pressure	517 206						33,00
	Welded sleeve steel G 1/2, EN 10241, 5 pcs	524 916						34,00
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	524 882						25,00
	LED-Display in wall-mounted housing for volume flow and flow velocity	527 320						424,00
	LED-Display in wall-mounted housing, as 527 320, but with additional totalizer and 2.nd measuring input	527 330						473,00

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	334,00
	504 475-	2	1, 2, 3, 4	1, 2, 3, 4	P 00	358,00
	504 475-	3	1, 2, 3, 4	1, 2, 3, 4	P 00	382,00
	504 475-	4	1, 2, 3, 4	1, 2, 3, 4	P 00	400,00
	504 475-	1	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	345,00
	504 475-	2	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	370,00
	504 475-	3	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	393,00
	504 475-	4	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	411,00
SS 20.201	505 504-	1	1, 2, 3, 4	1, 2, 3, 4	P 00	443,00
	505 504-	2	1, 2, 3, 4	1, 2, 3, 4	P 00	466,00
	505 504-	3	1, 2, 3, 4	1, 2, 3, 4	P 00	491,00
	505 504-	4	1, 2, 3, 4	1, 2, 3, 4	P 00	508,00
	505 504-	1	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	454,00
	505 504-	2	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	479,00
	505 504-	3	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	502,00
	505 504-	4	1, 2, 3, 4	1, 2, 3, 4	P 05 ... 95 / F 05 ... 95	520,00
Service for SS 20.200/201	390 020	Functional test with repair cost quotation				39,00

Accessories SS 20.200		A
Article No.	Description	Price €
301 048	Mounting flange, steel, galvanic zinc-plated	41,00
301 082	Press fitting stainless steel, G 1/2 x 12, atmospheric pressure	67,00
517 206	Press fitting, brass, G 1/2 x 12, for atmospheric pressure	33,00
524 891	Press fitting, brass, max. 10 bar with pressure relief device	56,00
524 919	Press fitting, stainless steel, max. 10 bar with pressure relief device	125,00
524 916	Welding sleeve G 1/2", steel, EN 10241, 5 pcs	34,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs	25,00

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	385,00				
506 690-XYZAT	2	1, 2, 3	1, 2, 3	1	1	396,00				
506 690-XYZAT	3	1, 2, 3	1, 2, 3	1	1	409,00				
506 690-XYZAT	4	1, 2, 3	1, 2, 3	1	1	428,00				
506 690-XYZAT	5	1, 2, 3	1, 2, 3	1	1	451,00				
506 690-XYZAT	1	1, 2, 3	1, 2, 3	1	2	432,00				
506 690-XYZAT	2	1, 2, 3	1, 2, 3	1	2	443,00				
506 690-XYZAT	3	1, 2, 3	1, 2, 3	1	2	457,00				
506 690-XYZAT	4	1, 2, 3	1, 2, 3	1	2	475,00				
506 690-XYZAT	5	1, 2, 3	1, 2, 3	1	2	498,00				
506 690-XYZAT	1	4	1, 2, 3	1	1	455,00				
506 690-XYZAT	2	4	1, 2, 3	1	1	466,00				
506 690-XYZAT	3	4	1, 2, 3	1	1	480,00				
506 690-XYZAT	4	4	1, 2, 3	1	1	498,00				
506 690-XYZAT	5	4	1, 2, 3	1	1	521,00				
506 690-XYZAT	1	4	1, 2, 3	1	2	573,00				
506 690-XYZAT	2	4	1, 2, 3	1	2	584,00				
506 690-XYZAT	3	4	1, 2, 3	1	2	597,00				
506 690-XYZAT	4	4	1, 2, 3	1	2	616,00				
506 690-XYZAT	5	4	1, 2, 3	1	2	639,00				



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	2 0 ... 10 m/s			1 Pigtail	1 -20 ... +85 °C
	2 100 mm	3 0 ... 20 m/s				2 -20 ... +120 °C
	3 200 mm	4 0 ... 40 m/s	4 4 ... 20 mA	4 ... 20 mA		
	4 350 mm	5 0 ... 50 m/s	5 0 ... 20 mA	0 ... 20 mA		

Article No.						Price €
Article No.	X	Y	Z	A	T	
506 690-XYZAT	1	2,3	4,5	1	1	510,00
506 690-XYZAT	2	2,3	4,5	1	1	521,00
506 690-XYZAT	3	2,3	4,5	1	1	535,00
506 690-XYZAT	4	2,3	4,5	1	1	553,00
506 690-XYZAT	5	2,3	4,5	1	1	576,00
506 690-XYZAT	1	2,3	4,5	1	2	558,00
506 690-XYZAT	2	2,3	4,5	1	2	569,00
506 690-XYZAT	3	2,3	4,5	1	2	582,00
506 690-XYZAT	4	2,3	4,5	1	2	601,00
506 690-XYZAT	5	2,3	4,5	1	2	624,00
506 690-XYZAT	1	4,5	4,5	1	1	581,00
506 690-XYZAT	2	4,5	4,5	1	1	592,00
506 690-XYZAT	3	4,5	4,5	1	1	605,00
506 690-XYZAT	4	4,5	4,5	1	1	624,00
506 690-XYZAT	5	4,5	4,5	1	1	647,00
506 690-XYZAT	1	4,5	4,5	1	2	628,00
506 690-XYZAT	2	4,5	4,5	1	2	639,00
506 690-XYZAT	3	4,5	4,5	1	2	652,00
506 690-XYZAT	4	4,5	4,5	1	2	671,00
506 690-XYZAT	5	4,5	4,5	1	2	694,00

Service for SS 20.260	390 020	Functional test with repair cost quotation		39,00
ISO Calibration Certificate	518 426-1	0 ... 2,5 m/s	4 calibration points	206,00
	518 426-2	0 ... 10 m/s	5 calibration points	206,00
	518 426-3	0 ... 20 m/s	5 calibration points	206,00
	518 426-4	0 ... 40 m/s	6 calibration points	264,00
	518 426-5	0 ... 50 m/s	6 calibration points	264,00

Accessories SS 20.260		A
Article no	Description	Price €
301 048	Mounting flange steel, galvanic zinc-plated	41,00
517 206	Press fitting, brass, for atmospheric pressure	33,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	180,00
524 916	Welding sleeve steel G 1/2, EN 10241, 5 pcs	34,00

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	692,00
Optionen:						
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		75,00
	Standard adjustement				1	0,00
	High precision adjustement including ISO calibration certificate for flow					2
Description		Article No.			Price €	
Accessories A	Welding sleeve steel G1/2", according to EN 10241, 5 pieces	524 916			34,00	
	LED-Display in wall-mounted housing for volume flow and flow velocity	527 320			424,00	
	LED-Display in wall-mounted housing, as 527 320, but with additional totalizer and 2.nd measuring input	527 330			473,00	
	Ball valve				on request	



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	682,00
	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					152,00
	Remote sensor with 3m cable		4					94,00
Protection design	Without ATEX design						1	0,00
	ATEX design						2	231,00
	Without protective coating					1		0,00
	Protective coating					2		88,00
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				28,00
	Measuring range 0..35 m/s			5				44,00
	Standard adjustment					1		0,00
	High precision adjustment including ISO calibration certificate for flow					2		215,00
Description		Article No.						Price €
Accessories SS 20.500	Connection cable 5-pin, length 5 m, with coupler socket and clipped cable ends	523 565						40,00
	Connection cable 5-pin, selectable length, with coupler socket and clipped cable ends, halogen free	523 566						65 + 2,00 €/m
	Coupler socket 5-pin, with screw terminals, for cable Ø 4.. 6 mm	523 562						33,00
	Mounting flange steel, galvanic zinc-plated	301 048						41,00
	Press fitting, stainless steel, G 1/2 x 12, atmospheric pressure	301 082						67,00
	Press fitting, brass, G 1/2, atmospheric pressure	517 206						33,00
	Press fitting, brass, max. 10 bar with pressure relief device	524 891						56,00
	Press fitting, stainless steel, max. 10 bar with pressure relief device	524 919						125,00
	Welded sleeve steel G 1/2, EN 10241, 5 pcs	524 916						34,00
	Welded sleeve stainless steel G 1/2, EN10241, 2 pcs	524 882						25,00
	Power supply, output 24 V DC, supply voltage 115/230 V AC	300 640						180,00
	LED display wall mounting design							On request



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	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 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				
-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									
	K	X	Y	Z	S	F	DD	Price €	
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	1 275,00	
506 300-	1	3	1 ... 5	1 ... 3	1	1 ... 6	00 ... 01	1 463,00	
506 300-	1	4, 5	1 ... 5	1 ... 3	1	1 ... 6	00 ... 16	1 382,00	
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	1 624,00	
506 300-	1	4, 5	6	1 ... 3	1	1 ... 6	00 ... 16	1 729,00	
506 300-	1	1, 2	7	1 ... 3	1	1 ... 6	00 ... 16	1 856,00	
506 300-	1	4, 5	7	1 ... 3	1	1 ... 6	00 ... 16	1 962,00	
506 300-	1	1, 2	8	1 ... 3	1	1 ... 6	00 ... 16	1 948,00	
506 300-	1	4, 5	8	1 ... 3	1	1 ... 6	00 ... 16	2 061,00	
Service for SS 20.60 / SS 20.60 HS		390 020	Functional test with repair cost quotation						39,00
SS 20.60 FB (Including CD-rom, press fitting brass, without connection cables)									
Article configuration									
	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	1 705,00	
506 300-	3	3	1 ... 5	1 ... 2	1	1 ... 6	00... 01	1 893,00	
506 300-	3	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1 811,00	
506 300-	3	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	2 054,00	
506 300-	3	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	2 159,00	
506 300-	3	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	2 054,00	
506 300-	3	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	2 159,00	

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	1 751,00
506 300-	2	3	1 ... 5	1 ... 2	1	1 ... 6	00... 01	1 939,00
506 300-	2	4, 5	1 ... 5	1 ... 2	1	1 ... 6	00 ... 16	1 857,00
506 300-	2	1, 2	6	1 ... 2	1	1 ... 6	00 ... 16	2 100,00
506 300-	2	4, 5	6	1 ... 2	1	1 ... 6	00 ... 16	2 206,00
506 300-	2	1, 2	7	1 ... 2	1	1 ... 6	00 ... 16	2 332,00
506 300-	2	4, 5	7	1 ... 2	1	1 ... 6	00 ... 16	2 438,00

Service for SS 20.60 FB	390 024	Functional test with repair cost quotation	52,00
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SS 20.60/60HS/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	206,00
300 815-3		0 ... 20 m/s	5 Calibration points	206,00
300 815-2		0 ... 40 m/s	6 Calibration points	239,00
300 815-1		0 ... 60 m/s	7 Calibration points	284,00
300 815-6		0 ... 120 m/s	8 Calibration points	295,00
300 815-7		0 ... 160 m/s	8 Calibration points	317,00
300 815-8		0 ... 200 m/s	8 Calibration points	334,00
DKD Calibration Certificate			On request	

Accessories SS 20.60

Article No.	Description	Price €
301 008	Coupler socket 4-pin, with screw connections	19,00
300 722-2	Connecting cable 4 pin, length 10 m, with coupler socket and open cable end sleeves	78,00
511 958	Through bolt joint, stainless steel with Viton sealing, G 1/2 x 23, multi removable	121,00
524 916	Welding sleeve steel G 1/2, EN 10241, 5 pcs	34,00
524 882	Welding sleeve stainless steel G 1/2, EN10241, 2 pcs	25,00
300 640	Power supply, output 24 V DC, supply voltage 115/230 V AC	180,00
300 838	8 digit display (counter) 72 x 72 x 108 mm, pulse input, power supply 24 V DC	561,00

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 (Adjustement)	P (Version)	F (Frequency)	DD (Pressure range)	1 320,00
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							473,00
	PROFIBUS DP with cable clamp		4							429,00
	Frequency digital output 0..100 Hz							2		0,00
	Frequency digital output (Options: 0..40 / 20 / 16 / 10 Hz); 0.._____ Hz							3		77,00
Mechanical version	Sensor length 400 mm			1						0,00
	Sensor length 600 mm			2						0,00
	Sensor length 1.000 mm			3						176,00
	Special length (> 400... 1.000 mm): Length: _____ mm			9						347,00
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, include pressure-resistant press fitting						2			1012,00
	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-restant 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 adjustement						1			0,00
	High precision adjustement including ISO calibration certificate for flow						2			215,00
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								74,00
	Coupler socket 8-pin, cable length selectable, free of halogen, with cable end sleeves	524 942								84,00 + 2,10/m
	Coupler socket 8-pin, with screw connections, for cable diameter 6 ... 8 mm	524 929								45,00
	Welding sleeve steel G1/2, according to EN 10241, 5 pieces	524 916								34,00
	Welding sleeve stainless steel 1.4571 G1/2, according to EN 10241, 2 pieces	524 882								25,00
	Display 8 digit ,72 x 72 x 108mm, with impulse input, 24 V DC / 6W	300 838								561,00
	Power supply 24 V DC, terminal strip connection	300 640								180,00
	Current/voltage source	On request								
A	LED display wall mounting design	On request								