

Flow Measurement

SITRANS FC

Flowmeter SITRANS FC430

Overview



The complete flowmeter system SITRANS FC430 can be ordered for standard, hygienic or NAMUR service. All versions can be ordered for CT service, according to OIML R 117 (Liquids other than water) and NTEP.

SIL specified compact variants can be validated and configured for SIL 2 or SIL 3 operation. SIL 3 operation requires two flowmeters in series and monitored by a SIL-rated control system. Series mounting must not introduce cross-talk between the sensors. Refer to installation guidelines.

The flowmeter is based on the latest developments within digital signal processing technology – engineered for high measuring performance:

- Fast response to rapid changes in flow
- Fast dosing applications
- High immunity against process noise
- High turndown ratio of flowrates
- Suitable for liquid and gas service
- Easy to install, commission and maintain

FC430 is available as standard with 4 to 20 mA analog output with HART 7.2. Additional functions can be freely configured for analog, pulse, frequency, relay or status output or binary input.

The transmitter comes with a user-configurable graphical display and SensorFlash, a micro SD card for configuration backup, firmware update and data storage.

The SITRANS FC430 flowmeter system consists of a SITRANS FCS400 sensor and a SITRANS FCT030 transmitter.

Benefits

- It is compact and light, fitting neatly into dense piping arrangements
- Easy maintenance because modules can be exchanged rapidly
- Effective separation of measurement from plant vibration
- Highly secure operation in safety critical applications
- Non-volatile memory of all setup and operation data
- Reliable measurements due to high signal to noise ratio
- Secure, digital transfer of measurement data from the sensor
- Short overall length; easy drop-in replacement into most existing installations
- Functional Safety (SIL X). Device suitable for use in accordance with IEC 61508 and IEC 61511.

Technical specifications

Sizes	DN 15 (½"), DN 25 (1"), DN 50 (2"), DN 80 (3")
Accuracy	± 0.10 %
Repeatability	± 0.05 %
Flow range (water @ 1 bar pressure loss)	DN 15: 3 700 kg/h (8 157 lb/h) DN 25: 11 500 kg/h (25 353 lb/h) DN 50: 52 000 kg/h (114 640 lb/h) DN 80: 136 000 kg/h (300 000 lb/h)
Architecture	Compact or remote configuration
Display	Full graphical display, 240 x 160 pixels with selection of twelve languages including Chinese and Russian
Power supply	20 ... 27 V DC ± 10%; 100 ... 240 V AC ± 10%, 47 ... 63 Hz ± 10%
Weight	4.6 ... 50 kg
Material	
• Sensor	316L stainless steel or Hastelloy C22
- Wetted parts	304 stainless steel
- Enclosure	Aluminum with corrosion-resistant coating
Enclosure rating	IP67
Pressure ratings	
• Measuring tubes	100 bar (1450 psi) 160 bar (2321 psi)
- 316L	
- Hastelloy C22	
• Sensor enclosure	20 bar (DN15, DN 25) 17 bar (DN 50, DN 80)
• Sensor enclosure burst pressure	>160 bar (all sizes)
Temperature ratings	
• Process medium	-50 ... +200 °C (-58 ... +392 °F) ¹⁾
• Ambient	-40 ... +60 °C (-40 ... +140 °F) ¹⁾
• Display	-20 ... +60 °C (-4 ... +140 °F)
Process connections	
• Flanges	EN 1092-1 B1, EN 1092-1 D, ANSI/ASME B16.5, JIS B 2220, DIN 11864-2
• Pipe threads	ASME B1.20 (NPT), ISO228-1 G (BSPP), VCO Quick-connect
• Hygienic threads	DIN 11851, DIN 11864-1A, ISO 2853, SMS 1145
• Hygienic clamps	DIN 11864-3A, DIN 32676, ISO 2852
Approvals	
• Hazardous area	ATEX, IECEx, EAC Ex, FM, NEPSI, CSA, INMETRO
• Pressure equipment	PED, CRN
• Hygienic	3A, EHEDG
• Custody transfer	OIML R 117, NTEP
• Operational safety (compact system only)	SIL 2 Single SIL 3 Redundant system
NAMUR	NAMUR-compliant (e.g. NE 21, NE 41, NE 107 and NE 132)
I/O	Up to 4 channels combining analog, relay or digital outputs and binary input
Communication	HART 7.2
EMC performance	
Emission	EN 55011/CISPR-11 (Class A)
Immunity	EN/IEC 61326-1 (Industry)
Mechanical load	18 to 400 Hz random The flow meter will mechanically tolerate 3.17 g RMS in all directions. Flow accuracy cannot be guaranteed under all conditions.

¹⁾ If operating outdoors, avoid direct sunlight, particularly in warm climatic regions.

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Selection and Ordering data	Article No.	Ord. code	Selection and Ordering data	Article No.	Ord. code
SITRANS FC430 Digital coriolis flowmeter with SITRANS FCS400 Standard flow sensor with hygienic and flange/pipe thread connections and compact or remote mounting with FCT030 transmitter	7 ME 4 6 1 3 -		SITRANS FC430 Digital coriolis flowmeter with SITRANS FCS400 Standard flow sensor with hygienic and flange/pipe thread connections and compact or remote mounting with FCT030 transmitter	7 ME 4 6 1 3 -	
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.					
Sensor size, connection size			Ex approval		
DN 15, DN 10 (1/2", 3/8")	3 F		Non-Ex		A
DN 15, DN 15 (1/2", 1/2")	3 G		ATEX		C
DN 15, DN 20 (1/2", 3/4")	3 H		IECEx		F
DN 15, DN 25 (1/2", 1")	3 J		FM		H
DN 25, DN 15 (1", 1/2")	3 K		CSA		M
DN 25, DN 25 (1", 1")	3 L		NEPSI		N
DN 25, DN 40 (1", 1 1/2")	3 N		INMETRO		P
DN 50, DN 40 (2", 1 1/2")	4 B		KCs		Q
DN 50, DN 50 (2", 2")	4 C		EAC		U
DN 80, DN 65 (3", 2 1/2")	4 J				
DN 80, DN 80 (3", 3")	4 K				
DN 80, DN 100 (3", 4")	4 L				
Process connection			Local User Interface		
EN 1092-1 B1, PN 16	A 0		Blind		1
EN 1092-1 B1, PN 40	A 1		Graphical, 240 x 160 pxl		3
EN 1092-1 B1, PN 63	A 2				
EN 1092-1 B1, PN 100	A 3				
EN 1092-1 B1, PN 160	B 1				
EN 1092-1 D NUT, PN 40	A 5				
EN 1092-1 D NUT, PN 63	A 6				
EN 1092-1 D NUT, PN 100	A 7				
EN 1092-1 D NUT, PN 160	A 8				
ANSI B16.5-2009, class 150	D 1				
ANSI B16.5-2009, class 300	D 2				
ANSI B16.5-2009, class 600	D 3				
ANSI B16.5-2009, class 900	D 4				
ISO228-1 G pipe thread	E 1				
ASME B1.20.1 NPT pipe thread	E 3				
DIN 11851 hygienic screwed	F 1				
DIN 32676 hygienic Tri-Clamp	G 1				
DIN 11864-1A asceptic screwed	H 1				
DIN 11864-2A asceptic flanged	H 2				
DIN 11864-3A clamped	H 3				
ISO 2852 hygienic clamped	J 1				
ISO 2853 hygienic screwed	J 5				
SMS 1145 hygienic screwed	K 1				
12-VCO-4 quick connect	K 5				
JIS B2200:2004/10K	L 2				
JIS B2220:2004/20K	L 4				
JIS B2220:2004/40K	L 6				
JIS B2220:2004/63K	L 7				
Wetted parts material			Software functions and CT approvals		
AISI 316L/W1.4435/W1.4404 (100 barg max.)	1		Standard		B11
Hastelloy C22 (only for 7ME461)	3		CT standard		B31
			CT with NTEP		B52
Calibration/Accuracy class			I/O configuration Ch1		
0.1 % flow, 5 kg/m ³ density	1		Ca 4 ... 20 mA HART active SIL certified		E04
0.1 % flow, 0.5 kg/m ³ density	4		Cp 4 ... 20 mA HART passive SIL certified		E05
Standard fraction calibration	8		Ca 4 ... 20 mA HART active		E06
			Cp 4 ... 20 mA HART passive		E07
Transmitter/DSL material & mounting style			Options for Ex		
Compact, IP67, aluminum	D		ATEX + IECEx + EAC Ex		Q0B
Remote, IP67, aluminum, M12	G				
Remote, IP67, aluminum, T/Box	K		Only compact versions can be used in SIL applications.		

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I/O configuration Ch2, Ch3 and Ch4		Add-on options and accessories	
None	◆ F00	Please add "-Z" to Article No. and specify Order code(s).	
aSignal, None, None	F40		
aSignal, aSignal, None	F41		
aSignal, aSignal, aSignal	F42		
aSignal, aSignal, Ia	F43		
aSignal, aSignal, R	F44		
aSignal, Ia, None	F45		
aSignal, Ia, Ia	F46		
aSignal, Ia, R	F47		
aSignal, R, None	F50		
aSignal, R, R	F51		
pSignal, None, None	F60		
pSignal, pSignal, None	F61		
pSignal, pSignal, pSignal	F62		
pSignal, pSignal, Ip	F63		
pSignal, pSignal, R	F64		
pSignal, Ip, None	F65		
pSignal, Ip, Ip	F66		
pSignal, Ip, R	F67		
pSignal, R, None	F70		
pSignal, R, R	F71		
aSignal, aSignal, pSignal	F80		
aSignal, aSignal, Ip	F81		
aSignal, pSignal, None	F82		
aSignal, pSignal, pSignal	F83		
aSignal, pSignal, Ia	F84		
aSignal, pSignal, Ip	F85		
aSignal, pSignal, R	F86		
aSignal, Ia, Ip	F87		
aSignal, Ip, None	F90		
aSignal, Ip, Ia	F91		
aSignal, Ip, R	F92		
pSignal, pSignal, Ia	F93		
pSignal, Ia, None	F94		
pSignal, Ia, Ia	F95		
pSignal, Ia, Ip	F96		
pSignal, Ia, R	F97		
Notes on I/O configurations:		Region-specific approvals and certificates	
a or p suffix: The I/O module is selected at ordering with either active or passive function.		South Korea (KCC)	W28
Signal: The output can be selected for Current (0 or 4 to 20 mA), frequency or pulse function in the menu.		Additional data	
I: Discrete status input to the flowmeter. Functions are selected in the menu including 'Freeze output', 'Reset totalizer'.		Please add "-Z" to Article No. and specify Order code(s) and plain text.	
R: Relay output for discrete status reporting. Function is selected in the menu, including 'Error', 'High flow warning'.		Tag name	
The MLFB structure for FC430 systems must be filled to this level , including "-Z" options A., B., E. and F.		Tag name plate, stainless steel	Y17
		◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 10/11 in the appendix.	
		Operating instructions for SITRANS FC430	
		Description	Article No.
		• English	A5E03361511
		• German	A5E03651143
		All literature is available to download for free, in a range of languages, at www.siemens.com/processinstrumentation/documentation	

Selection and Ordering data	Article No.	Ord. code	Selection and Ordering data	Order code
SITRANS FC430 Digital coriolis flowmeter with SITRANS FCS400 Flow sensor Hygienic version with electropolished surface to Ra < 0.8 µm, 3A approved, and compact or remote mounting with FCT030 transmitter	7 ME 4 6 2 3 -		Further designs Please add "-Z" to Article No. and specify Order code(s).	
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.			Cable glands Metric, no glands Metric, plastic Metric, brass/Ni plated Metric, stainless steel NPT, no glands NPT, plastic NPT, brass/Ni plated NPT, stainless steel	◆ A01 ◆ A02 ◆ A05 ◆ A06 ◆ A11 ◆ A12 ◆ A15 ◆ A16
Sensor size, connection size			Software functions and CT approvals Standard CT standard CT with NTEP	◆ B11 ◆ B31 ◆ B52
DN 15, DN 10 (½", 3/8") DN 15, DN 15 (½", ½") DN 15, DN 20 (½", ¾") DN 15, DN 25 (½", 1") DN 25, DN 25 (1", 1") DN 25, DN 32 (1", 1¼") DN 25, DN 40 (1", 1½") DN 50, DN 40 (2", 1½") DN 50, DN 50 (2", 2") DN 80, DN 65 (3", 2½") DN 80, DN 80 (3", 3")	3 F 3 G 3 H 3 J 3 L 3 M 3 N 4 B 4 C 4 J 4 K		I/O configuration Ch1 Ca 4 ... 20 mA HART active SIL certified Cp 4 ... 20 mA HART passive SIL certified Ca 4 ... 20 mA HART active Cp 4 ... 20 mA HART passive	◆ E04 ◆ E05 ◆ E06 ◆ E07
Process connection	F 1 G 1 H 1 H 2 H 3 H 4 J 1 J 5	1	Options for Ex ATEX + IECEx + EAC Ex	◆ Q0B
DIN 11851 0.8 µm hygienic screwed DIN 32676 0.8 µm hygienic Tri-Clamp DIN 11864-1 0.8 µm hygienic screwed DIN 11864-2A BF-A 0.8 µm hygienic screwed (metric) DIN 11864-3A BF-A 0.8 µm hygienic clamped DIN 11864-2B BF-A 0.8 µm hygienic flanged (NPS) ISO 2852 0.8 µm hygienic clamped ISO 2853 0.8 µm hygienic screwed			Only compact versions can be used in SIL applications.	
Wetted parts material		1		
AISI 316L/1.4435 (40 bar max.)				
Calibration/Accuracy class		1 4 8		
0.1 % flow, 5 kg/m³ density 0.1 % flow, 0.5 kg/m³ density Standard fraction calibration				
Transmitter/DSL material and mounting style		D G K		
Compact, IP67, aluminum Remote, IP67, aluminum, M12 Remote, IP67, aluminum, T/Box				
Ex approval		A C F H M N P Q U		
Non-Ex ATEX II 2GD IECEx GDb FM, Class 1, Div 1 CSA, Class 1, Zone 1 NEPSI INMETRO KCs EAC				
Local User Interface		1 3		
Blind Graphical, 240 x 160 pxl				

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I/O configuration Ch2, Ch3 and Ch4		Add-on options and accessories	
None	◆ F00	Please add "-Z" to Article No. and specify Order code(s).	
aSignal, None, None	F40		
aSignal, aSignal, None	F41		
aSignal, aSignal, aSignal	F42		
aSignal, aSignal, Ia	F43		
aSignal, aSignal, R	F44		
aSignal, Ia, None	F45		
aSignal, Ia, Ia	F46		
aSignal, Ia, R	F47		
aSignal, R, None	F50		
aSignal, R, R	F51		
pSignal, None, None	F60		
pSignal, pSignal, None	F61		
pSignal, pSignal, pSignal	F62		
pSignal, pSignal, Ip	F63		
pSignal, pSignal, R	F64		
pSignal, Ip, None	F65		
pSignal, Ip, Ip	F66		
pSignal, Ip, R	F67		
pSignal, R, None	F70		
pSignal, R, R	F71		
aSignal, aSignal, pSignal	F80		
aSignal, aSignal, Ip	F81		
aSignal, pSignal, None	F82		
aSignal, pSignal, pSignal	F83		
aSignal, pSignal, Ia	F84		
aSignal, pSignal, Ip	F85		
aSignal, pSignal, R	F86		
aSignal, Ia, Ip	F87		
aSignal, Ip, None	F90		
aSignal, Ip, Ia	F91		
aSignal, Ip, R	F92		
pSignal, pSignal, Ia	F93		
pSignal, Ia, None	F94		
pSignal, Ia, Ia	F95		
pSignal, Ia, Ip	F96		
pSignal, Ia, R	F97		
Notes on I/O configurations:		Certificates	
a or p suffix: The I/O module is selected at ordering with either active or passive function.		Pressure test certificate CRN	C01
Signal: The output can be selected for Current (0 or 4 to 20 mA), frequency or pulse function in the menu.		Pressure test certificate PED	C02
I: Discrete status input to the flowmeter. Functions are selected in the menu including 'Freeze output', 'Reset totalizer'.		Material certificate EN 10204-3.1	C05
R: Relay output for discrete status reporting. Function is selected in the menu, including 'Error', 'High flow warning'.		Welding inspection report	C07
The MLFB structure for FC430 systems must be filled to this level , including "-Z" options A., B., E. and F.		Factory certificate to EN 10204 2.1	◆ C10
		Factory certificate to EN 10204 2.2	C11
		Cleaning for oil and grease	C50
		Cable	
		None	L50
		5 m (16.4 ft), standard with M12 plugs fitted	L51
		5 m (16.4 ft), standard	L52
		10 m (32.8 ft) standard with M12 plugs fitted	L55
		10 m (32.8 ft), standard	L56
		25 m (82 ft), standard with M12 plugs fitted	L59
		25 m (82 ft), standard	L60
		50 m (164 ft), standard with M12 plugs fitted	L63
		50 m (164 ft), standard	L64
		75 m (246 ft), standard with M12 plugs fitted	L67
		75 m (246 ft), standard	L68
		150 m (492 ft), standard with M12 plugs fitted	L71
		150 m (492 ft), standard	L72
		Region-specific approvals and certificates	
		South Korea (KCC)	W28
		Additional data	
		Please add "-Z" to Article No. and specify Order code(s) and plain text.	
		Tag name	
		Tag name plate, stainless steel	Y17
		◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 10/11 in the appendix.	
		Operating instructions for SITRANS FC430	
		Description	Article No.
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Selection and Ordering data		Article No.	Ord. code	Selection and Ordering data	Article No.	Ord. code
SITRANS FC430 Digital coriolis flowmeter with SITRANS FCS400 NAMUR compliant flow sensor with flange/pipe thread connections and compact or remote mounting with FCT030 transmitter		7 ME 4 7 1 3 -		SITRANS FC430 Digital coriolis flowmeter with SITRANS FCS400 NAMUR compliant flow sensor with flange/pipe thread connections and compact or remote mounting with FCT030 transmitter	7 ME 4 7 1 3 -	
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.						
Sensor size, Connection size				Ex approval		
DN 15, DN 6 (1/2", 1/4")	3 E			Non-Ex		A
DN 15, DN 10 (1/2", 3/8")	3 F			ATEX II 2GD		C
DN 15, DN 15 (1/2", 1/2")	3 G			IECEx GDb		F
DN 15, DN 20 (1/2", 3/4")	3 H			FM, Class 1, Div 1		H
DN 15, DN 25 (1/2", 1")	3 J			CSA, Class 1, Zone 1		M
DN 25, DN 25 (1", 1")	3 L			NEPSI		N
DN 25, DN 32 (1", 1 1/4")	3 M			INMETRO		P
DN 25, DN 40 (1", 1 1/2")	3 N			KCs		Q
DN 50, DN 40 (2", 1 1/2")	4 B			EAC		U
DN 50, DN 50 (2", 2")	4 C					
DN 80, DN 65 (3", 2 1/2")	4 J			Local User Interface		
DN 80, DN 80 (3", 3")	4 K			Blind		1
DN 80, DN 100 (3", 4")	4 L			Graphical, 240 x 160 pxl		3
Process connection						
EN 1092-1 B1, PN 16	A 0					
EN 1092-1 B1, PN 40	A 1					
EN 1092-1 B1, PN 63	A 2					
EN 1092-1 B1, PN 100	A 3					
EN 1092-1 B1, PN 160	B 1					
EN 1092-1 D, PN 40	A 5					
EN 1092-1 D, PN 63	A 6					
EN 1092-1 D, PN 100	A 7					
EN 1092-1 D, PN 160	A 8					
ANSI B16.5, RF, class 150	D 1					
ANSI B16.5, RF, class 300	D 2					
ANSI B16.5, RF, class 600	D 3					
ANSI B16.5, RF, class 900	D 4					
ISO228-1 G pipe thread	E 1					
ASME B1.20.1 NPT pipe thread	E 3					
DIN 11851 Hygienic screwed	F 1					
DIN 32676-C (inch) Hygienic clamped	G 1					
DIN 11864-1 Hygienic screwed	H 1					
DIN 11864-2A BF-A Hygienic flanged metric	H 2					
DIN 11864-3A Hygienic clamped	H 3					
DIN 11864-2B BF-A Hygienic flanged NPS	H 4					
ISO 2852 Hygienic clamped	J 1					
ISO 2853 Hygienic screwed	J 5					
SMS 1145 Hygienic screwed	K 1					
Swagelok Quick Connect	K 5					
JIS B2200/10K	L 2					
JIS B2200/20K	L 4					
JIS B2200/40K	L 6					
JIS B2200/63K	L 7					
Wetted parts material						
AISI 316L/W1.4435/W1.4404 (100 barg max.)	1					
Hastelloy C22	3					
Calibration/Accuracy class						
0.1 % flow, 5 kg/m³ density	1					
0.1 % flow, 0.5 kg/m³ density	4					
Standard fraction calibration	8					
Transmitter/DSL material & mounting style						
Compact, IP67, aluminum	D					
Remote, IP67, aluminum, M12	G					
Remote, IP67, aluminum, T/Box	K					

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Selection and Ordering data	Order code	Selection and Ordering data	Order code
I/O configuration Ch2, Ch3 and Ch4		Add-on options and accessories	
None	◆ F00	Please add "-Z" to Article No. and specify Order code(s).	
aSignal, None, None	F40		
aSignal, aSignal, None	F41		
aSignal, aSignal, aSignal	F42		
aSignal, aSignal, Ia	F43		
aSignal, aSignal, R	F44		
aSignal, Ia, None	F45		
aSignal, Ia, Ia	F46		
aSignal, Ia, R	F47		
aSignal, R, None	F50		
aSignal, R, R	F51		
pSignal, None, None	F60		
pSignal, pSignal, None	F61		
pSignal, pSignal, pSignal	F62		
pSignal, pSignal, Ip	F63		
pSignal, pSignal, R	F64		
pSignal, Ip, None	F65		
pSignal, Ip, Ip	F66		
pSignal, Ip, R	F67		
pSignal, R, None	F70		
pSignal, R, R	F71		
aSignal, aSignal, pSignal	F80		
aSignal, aSignal, Ip	F81		
aSignal, pSignal, None	F82		
aSignal, pSignal, pSignal	F83		
aSignal, pSignal, Ia	F84		
aSignal, pSignal, Ip	F85		
aSignal, pSignal, R	F86		
aSignal, Ia, Ip	F87		
aSignal, Ip, None	F90		
aSignal, Ip, Ia	F91		
aSignal, Ip, R	F92		
pSignal, pSignal, Ia	F93		
pSignal, Ia, None	F94		
pSignal, Ia, Ia	F95		
pSignal, Ia, Ip	F96		
pSignal, Ia, R	F97		
Notes on I/O configurations:		Region-specific approvals and certificates	
a or p suffix: The I/O module is selected at ordering with either active or passive function.		South Korea (KCC)	W28
Signal: The output can be selected for Current (0 or 4 to 20 mA), frequency or pulse function in the menu.		Additional data	
I: Discrete status input to the flowmeter. Functions are selected in the menu including 'Freeze output', 'Reset totalizer'.		Please add "-Z" to Article No. and specify Order code(s) and plain text.	
R: Relay output for discrete status reporting. Function is selected in the menu, including 'Error', 'High flow warning'.		Tag name	
The MLFB structure for FC430 systems must be filled to this level , including "-Z" options A..., B..., E... and F...		Tag name plate, stainless steel	Y17
		◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 10/11 in the appendix.	
		Operating instructions for SITRANS FC430	
		Description	Article No.
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Flowmeter - Accessories/Spare parts

Accessories

Description	Article No.		Description	Article No.	
CT plug	A5E31478498		Standard cable (Ex) with M12 plugs, PO insulation and PUR sleeve, blue, -40 ... +80 °C (-40 ... +176 °F)	A5E03914929	
Tamper cover for CT locking. Fits over the M12 plug at both sensor and transmitter ends of the remote system cable (2 pcs.)			• 5 m	A5E03914962	
Bag of glands (metric) in black plastic ¹⁾	A5E03907414		• 10 m	A5E03914995	
Bag of glands, (metric) in gray plastic Ex e/i ¹⁾	A5E03907424		• 25 m	A5E03915004	
Bag of glands (metric) in AISI 316 SS Ex e/i ¹⁾	A5E03907429		• 50 m	A5E03915074	
Bag of glands (metric) in Ni-plated brass Ex e/i ¹⁾	A5E03907430		• 75 m	A5E03915088	
Bag of glands (NPT) in black plastic ²⁾	A5E03907435		• 150 m		
Bag of glands (NPT) in gray plastic Ex e/i ²⁾	A5E03907451		Standard cable (Ex) for termination, PO insulation and PUR sleeve, blue, -40 ... +80 °C (-40 ... +176 °F)	A5E03914945	
Bag of glands (NPT) in AISI 316 SS Ex e/i ²⁾	A5E03907467		• 5 m	A5E03914973	
Bag of glands (NPT) in Ni-plated brass Ex e/i ²⁾	A5E03907473		• 10 m	A5E03914984	
Standard cable (non-Ex) with M12 plugs, PO insulation and PUR sleeve, gray, -40 ... +80 °C (-40 ... +176 °F)			• 25 m	A5E03915015	
• 50 m (16.4 ft)	A5E03914805		• 50 m	A5E03915057	
• 75 m (246 ft)	A5E03914850		• 75 m	A5E03915100	
• 100 m (328 ft)	A5E03914853		• 150 m		
• 125 m (410 ft)	A5E03914859				
• 150 m (492 ft)	A5E03914861				
	A5E03914874				
Service toolkit for field maintenance of transmitter and sensor components. Contains all hand tools necessary for maintenance. Other tools may be required for installation.				A5E03722877	
Standard cable (non-Ex) for termination, PO insulation and PUR sleeve, gray, -40 ... +80 °C (-40 ... +176 °F)					
• 5 m (16.4 ft)	A5E03914833				
• 10 m (32.8 ft)	A5E03914849				
• 25 m (82 ft)	A5E03914854				
• 50 m (164 ft)	A5E03914856				
• 75 m (246 ft)	A5E03914864				
• 100 m (328 ft)	A5E03914873				

Flow Measurement

SITRANS FC

Flowmeter - Accessories/Spare parts

Description	Article No.		Description	Dimension	Article No.
Heating Jacket, indoor use, 0 ... 200 °C (32 ... 392 °F) max. temperature. Complete with 5 m (16.4 ft) high temperature cable fitted. Dedicated plug connection to included controller			Mating parts for hygienic fittings DIN 11851 Includes: • 2 unions • 2 mating parts (for welding in) • 2 EPDM gaskets		
• 230 V AC - DN 15 electric - DN 25 electric - DN 50 electric - DN 80 electric	A5E33035287		DN 10	FDK:085U1016	
	A5E33035324		DN 15	FDK:085U1017	
	A5E33035325		DN 25	FDK:085U1019	
	A5E33035336		DN 32	FDK:085U1020	
• 115 V AC - DN 15 electric - DN 25 electric - DN 50 electric - DN 80 electric	A5E32877520		DN 40	FDK:085U1021	
	A5E32877556		DN 50	FDK:085U1022	
	A5E32877557		DN 65	FDK:085U1023	
	A5E32877561				
Heating jacket controller, IP65. Digital display for 0 ... 200 °C (32 .. 392 °F) control setpoint			Mating parts for hygienic clamp ISO 2852 Includes: • 2 clamps • 2 mating parts • 2 EPDM gaskets		
• 230 V AC	A5E03839193		25 mm	FDK:085U1029	
• 115 V AC	A5E03839194		40 mm	FDK:085U1031	
			50 mm	FDK:085U1032	
1) 2 pcs M20; 1 pce M25 with single and dual cable inserts 2) 2 pcs ½" NPT; 1 pce ½" NPT with single and dual cable inserts			2 EPDM gaskets with collar for mounting set DIN 11851		
			DN 10	FDK:085U1006	
			DN 15	FDK:085U1007	
			DN 25	FDK:085U1009	
			DN 32	FDK:085U1010	
			DN 40	FDK:085U1011	
			DN 50	FDK:085U1012	
			DN 65	FDK:085U1013	