

Selection and Ordering data		Order No.	Selection and Ordering data	Order code
SITRANS FCT030 Transmitter for replacement or installation extension for SITRANS FC430 Digital coriolis flowmeter		7 ME 4 6 0 3 -	Further designs	
Transmitter with HART, I/O and LUI, for compact or remote mounting, weatherproof and flameproof (where specified). Order the sensor separately.		■ ■ ■ ■ ■ - ■ ■ 0	Please add "-Z" to Order No. and specify Order code(s).	
Material and mouting style			I/O configuration Ch2, Ch3 and Ch4	
Compact, IP67, aluminum	◆ 2		None	◆ F00
Remote, IP67, aluminum, M12	◆ 5		aSignal, None, None	◆ F40
Remote, IP67, aluminum, T/Box	◆ 8		aSignal, aSignal, None	◆ F41
			aSignal, aSignal, aSignal	◆ F42
Ex approvals			aSignal, aSignal, Ia	◆ F43
Non-Ex	◆ A		aSignal, aSignal, R	◆ F44
ATEX II 2GD	◆ C		aSignal, Ia, None	◆ F45
IECEX GDb	◆ F		aSignal, Ia, Ia	◆ F46
FM/CSA/UL Class 1, Div 1	◆ H		aSignal, Ia, R	◆ F47
			aSignal, R, None	◆ F50
Cable glands			aSignal, R, R	◆ F51
Metric, no glands	◆ A		pSignal, None, None	◆ F60
Metric, plastic	◆ B		pSignal, pSignal, None	◆ F61
Metric, brass/Ni plated	◆ E		pSignal, pSignal, pSignal	◆ F62
Metric, stainless steel	◆ F		pSignal, pSignal, Ip	◆ F63
NPT, no glands	◆ G		pSignal, pSignal, R	◆ F64
NPT, plastic	◆ H		pSignal, Ip, None	◆ F65
NPT, brass/Ni plated	◆ L		pSignal, Ip, Ip	◆ F66
NPT, stainless steel	◆ M		pSignal, Ip, R	◆ F67
Power supply			pSignal, R, None	◆ F70
18 ... 300 V DC; 18 ... 85, 185 ... 250 V AC, 50/60 Hz	◆ 0		pSignal, R, R	◆ F71
			aSignal, aSignal, pSignal	F80
Enclosure protection rating			aSignal, aSignal, Ip	F81
IP67/NEMA 4X	◆ 4		aSignal, pSignal, None	F82
			aSignal, pSignal, pSignal	F83
Local User Interface			aSignal, pSignal, Ia	F84
Blind	◆ 1		aSignal, pSignal, Ip	F85
Graphical, 240x160 pxl	◆ 3		aSignal, pSignal, R	F86
Software functions			aSignal, Ia, Ip	F87
Standard	◆ A		aSignal, Ip, None	F90
			aSignal, Ip, Ip	F91
I/O configuration Ch1			aSignal, Ip, R	F92
Ca 4 ... 20 mA HART active SIL certified	◆ E		pSignal, pSignal, Ia	F93
Cp 4 ... 20 mA HART passive SIL certified	◆ F		pSignal, Ia, None	F94
			pSignal, Ia, Ia	F95
			pSignal, Ia, Ip	F96
			pSignal, Ia, R	F97
◆ Short lead time (details in PMD)			Notes on I/O configurations:	
			a or p suffix: The I/O module is selected at ordering with either active or passive function.	
			Signal: The output can be selected for Current (0 or 4 to 20 mA), frequency or pulse function in the menu.	
			I: Discrete status input to the flowmeter. Functions are selected in the menu including 'Freeze output', 'Reset totalizer'.	
			R: Relay output for discrete status reporting. Function is selected in the menu, including 'Error', 'High flow warning'.	
			The MLFB structure for FC430 systems must be filled to this level , including "-Z" options A..., B..., E... and F...	

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Add-on options and accessories		
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Certificates		
Factory certificate to EN 10204 2.1	◆	C10
Factory certificate to EN 10204 2.2	◆	C11
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
Additional data		
Please add "-Z" to Order No. and specify Order code(s) and plain text.		
Tag name		
Tag name plate, stainless steel		Y17
Transmitter setup		
Custom transmitter setup		Y20

◆ Short lead time (details in PMD)

Operating instructions for SITRANS FC430

Description	Order No.	
• English	A5E03361511	
• German	A5E03651143	
• Spanish	A5E03651152	
• French	A5E03651188	
• Italian	A5E03651190	
• Chinese	A5E03922773	

This device is shipped with a Quick Start guide and a CD containing further SITRANS F C literature.

All literature is also available for free at:

<http://www.siemens.com/flowdocumentation>