

Spare parts

Description	Order No.
2 kB SENSORPROM unit (Sensor Serial No. and Order No. must be specified at ordering)	FDK-083H4410
Connection board/PCB	A5E03004110

Selection and Ordering data

SITRANS F C flow sensors	Order No.	Order code
MC2 for Hygienic applications only	7ME4310-	

Nominal diameter

Mat. no. 1.4435/316L

DN 20	1 A
DN 25	1 B
DN 40	1 C
DN 50	1 D
DN 65	1 E
DN 80	1 F

Nominal pressure 40 bar, PN 25

Clamps/screwed-connections

	F
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Pressure and Process connections

Dairy screwed connection to DIN 11851

DN 20, PN 25	4 0
DN 25, PN 25	4 1
DN 40, PN 25	4 2
DN 50, PN 25	4 3
DN 65, PN 25	4 4
DN 80, PN 25	4 5

Dairy clamp connectors for DIN 32676

Tri-clamp

20 mm clamp	4 7
26 mm clamp	4 8
38 mm clamp	5 4
50 mm clamp	5 0
66 mm clamp	5 1
81 mm clamp	5 2

Aseptic connectors DIN 11864-2 Form A for DIN tubes

DN 20	5 8
DN 25	5 7
DN 40	6 0
DN 50	6 1
DN 65	6 2
DN 80	6 3

Configuration

Flow and density (5 kg/m ³)	1
Flow, BRIX/PLATO and density (1 kg/m ³) ¹⁾	2
Density (1 kg/m ³) ¹⁾	5
Flow, fraction (customer-specified application from the net)	9

Ex-approval

Standard, without explosion protection	A
With explosion protection: Ex, ATEX	B
With explosion protection: Ex, FM Class I, Div 1	C
With explosion protection: Ex, FM Class I, Div 2	D

Cable

No cable (see accessories)	A
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Calibration

Standard	1
Matched pair	2

¹⁾ Extended density and fraction not possible with DN 150.

Operating instructions for SITRANS F C MC2

Description	Order No.
Operating instructions for SITRANS F C MC2	
• English	A5E02154544
• German	A5E02407329
• Spanish	A5E02384868
• French	A5E02384945

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

All literature is also available for free at:
<http://www.siemens.com/flowdocumentation>

Please also see www.siemens.com/SITRANSForordering for practical examples of ordering

Selection and Ordering data

Additional information

Please add "-Z" to Order No. and specify Order code(s) and plain text.

Pressure testing certificate PED: 97/23/EC	C11
Material certificate EN 10204-3.1	C12
Welding certificate NDT X-ray: EN 25817/B	C13
Factory certificate according to EN 10204 2.2	C14
Factory certificate according to EN 10204 2.1	C15
Tag name plate, stainless steel	Y17
Tag name plate, plastic	Y18
Customer-specific transmitter setup	Y20
Customer-specified, matched pair (5 x 2)	Y60
Customer-specified calibration (5 x 2)	Y61
Customer-specified, matched pair (10 x 1)	Y62
Customer-specified calibration (10 x 1)	Y63
Special version	Y99

Accessories

Description	Order No.
Cables from MC2 sensor to MASS 6000 transmitter	
10 m (32.8 ft)	FDK-083H3001
25 m (82 ft)	FDK-083H3002
75 m (246 ft)	FDK-083H3003
150 m (492 ft)	FDK-083H3004

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2 kB SENSORPROM unit (Sensor Serial No. and Order No. must be specified by ordering)	FDK-083H4410

Dairy MLFB example

Order No.

MC2 sensor

Sensor size DN 40 Mat. no.
1.4435/316L

Nominal pressure: Clamp
DIN 11851, DN 40, PN 25



Configuration/calibration type: flow
and density (5 kg/m³)

Without Ex approval

No cable

Standard calibration

