

**Selection and Ordering data**
**SITRANS F C flow sensors MC2**

Order No. Order code

7ME4300-

**Nominal diameter**

Stainless steel AISI 316Ti/1.4571

DN 50	1 A
DN 65	1 B
DN 80	1 C
DN 100	1 D
DN 150	1 E

Hastelloy C4/2.4610

DN 50	2 A
DN 65	2 B
DN 80	2 C
DN 100	2 D
DN 150	2 E

**Nominal pressure**

PN 40	A
PN 100	B
Class 150	C
Class 300	D
Class 600	E
Clamps/screwed-connections	F

**Process connections**

Flange EN 1092-1	
DN 50 (PN 40/PN 100)	2 0
DN 65 (PN 40/PN 100)	2 1
DN 80 (PN 40/PN 100)	2 2
DN 100 (PN 40)	2 3
DN 150 (PN 40)	2 4

Flange ASME/ANSI

2" (class 150/300/600)	3 0
2 ½" (class 150/300/600)	3 1
3" (class 150/300/600)	3 2
4" (class 150/300)	3 3
6" (class 150/300)	3 4

Dairy screwed connection to DIN 11851

DN 50 (PN 25)	4 0
DN 65 (PN 25)	4 1
DN 80 (PN 25)	4 2
DN 100 (PN 25)	4 3

Dairy clamp connection DIN 32676 Tri-clamp

50 mm clamp (PN 16)	5 0
66 mm clamp (PN 10)	5 1
81 mm clamp (PN 10)	5 2
100 mm clamp (PN 10)	5 3

Aseptic nut flange DIN 11864-2 form A for pipes dimensioned by DIN 11866

DN 40 (1½")	6 0
DN 50 (2")	6 1
DN 65 (2½")	6 2
DN 80 (3")	6 3
DN 100 (4")	6 4

**Configuration**

Flow and density (5 kg/m <sup>3</sup> [0.31 lb/ft <sup>3</sup> ])	1	
Flow, Brix/Plato and density (1 kg/m <sup>3</sup> [0.06 lb/ft <sup>3</sup> ]) <sup>1)</sup>	2	
Density (1 kg/m <sup>3</sup> [0.06 lb/ft <sup>3</sup> ]) <sup>1)</sup>	5	
Fraction (specified by customer) and density (1 kg/m <sup>3</sup> [0.06 lb/ft <sup>3</sup> ]) <sup>1)</sup>	9	N 0 Y

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**Ex-approval**

Standard, without explosion protection	A
With explosion protection: Ex, ATEX	B

**Cable**

No cable (see accessories)	A
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**Calibration**

Standard	1
Matched pair	2
Extended calibration customer-specified select Y60, Y61, Y62 or Y63 (see additional information)	8

<sup>1)</sup> Extended density and fraction not possible with DN 150.

 Please also see [www.siemens.com/SITRANSFordering](http://www.siemens.com/SITRANSFordering) for practical examples of ordering

**Dairy MLFB example**

Order No.

**MC2 sensor**

Sensor size DN 80. AISI 316Ti/1.4571	1 C
Nominal pressure: Clamps	F
DIN 11851, DN 80, PN 25	4 2



Configuration/calibration type: flow and density (5 kg/m <sup>3</sup> [0.31 lb/ft <sup>3</sup> ])	1
Without Ex approval	A
No cable	A
Standard calibration	1

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**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
Material certificate according to NACE	C16
Tag name plate, stainless steel	Y17
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

**Operating instructions for SITRANS F C MC2**
**Description**

Order No.

• 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>