


# Flow Measurement

## SITRANS F C

### Flow sensor MC2

Selection and Ordering data	Article No.	Ord. code
<b>SITRANS F C flow sensors MC2</b>	<b>7ME4300-</b>	
<b>Nominal diameter</b>		
Stainless steel AISI 316Ti/1.4571		
DN 100	1 D	
DN 150	1 E	
Hastelloy C4/2.4610		
DN 100	2 D	
DN 150	2 E	
<b>Nominal pressure</b>		
PN 40	A	
Class 150	C	
Class 300	D	
Clamps/screwed-connections	F	
<b>Process connections</b>		
Flange EN 1092-1		
DN 80 (PN 40, PN 100)	2 2	
DN 100 (PN 40)	2 3	
DN 150 (PN 40)	2 4	
Flange ASME/ANSI B16.5		
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 80 (PN 25)	4 2	
DN 100 (PN 25)	4 3	
Dairy clamp connection DIN 32676 (ISO 2852) Tri-clamp		
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 80 (3")	6 3	
DN 100 (4")	6 4	
<b>Configuration</b>		
Flow (0.15% of rate) and density (5 kg/m <sup>3</sup> [0.31 lb/ft <sup>3</sup> ])		1
Flow (0.15% of rate) and density (1 kg/m <sup>3</sup> [0.06 lb/ft <sup>3</sup> ])		5

Selection and Ordering data	Article No.	Ord. code
<b>SITRANS F C flow sensors MC2</b>	<b>7ME4300-</b>	
<b>Ex-approval and cable gland</b>		
Non-Ex, M20 x 1.5	A	
ATEX, M20 x 1.5	B	
<b>Cable</b>		
No cable	A	
<b>Calibration</b>		
Standard		1

Dairy MLFB example	Article No.
<b>MC2 sensor</b>	<b>7ME4300-</b>
Sensor size DN 100, AISI 316Ti/1.4571	1 D
Nominal pressure: Clamps	F
DIN 11851, DN 100, PN 25	4 3
	
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

Selection and Ordering data	Order code
<b>Additional information</b>	
Please add "-Z" to Article No. and specify Order code(s) and plain text.	
Pressure testing certificate PED: 97/23/EC	C11
Material certificate EN 10204-3.1	C12
Material certificate according to NACE	C16
Tag name plate, stainless steel	Y17
Tag name plate, plastic self-adhesive	Y18
Customer-specified, matched pair (5 x 2)	On request
Customer-specified calibration (5 x 2)	On request
Customer-specified, matched pair (10 x 1)	On request
Customer-specified calibration (10 x 1)	On request

### Operating instructions for SITRANS F C MC2

Description	Article 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>