

Selection and Ordering data	Order-No.	Order code
SITRANS F C flow sensors MASSFLO MC2	F) 7ME4300-	
Nominal diameter		
W 1.4571/316Ti		
DN 50	1 A	
DN 65	1 B	
DN 80	1 C	
DN 100	1 D	
DN 150	1 E	
Hastelloy C4		
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 ³)	1	
Flow, Brix/Plato and density (1 kg/m ³) ¹⁾	2	
Flow and density (1 kg/m ³) ¹⁾	5	
Flow, fraction (specified by customer) and density (1 kg/m ³) ¹⁾	9	N 0 Y
Ex-approval		
Without explosion protection	A	
With explosion protection	B	

Selection and Ordering data	Order-No.	Order code
SITRANS F C flow sensors MASSFLO MC2	F) 7ME4300-	
Cable		
No cable (see accessories)	A	
Calibration		
Standard	1	
Matched pair	2	

1) Extended density and fraction not possible with DN 150

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

Dairy MLFB example

MASS MC2 sensor

Stainless steel, DN 80

Dairy screwed connection
DIN 11851, DN 80



MASS 6000 IP67 remote mounted



7 ME 4 3 0 0 - 1 A B 1

1 C
4 2

Selection and Ordering data	Order code
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 10204-31B	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 (5x2)	Y60
Customer specified calibration (5x2)	Y61
Customer specified, matched pair (10x1)	Y62
Customer specified calibration (10x1)	Y63
Special version	Y99

Accessories

Description	Order No. ^{F)}
Cables from MC2 sensor to MASS 6000 transmitter	
10 m (32 ft)	FDK-083H3001
25 m (80 ft)	FDK-083H3002
75 m (240 ft)	FDK-083H3003
150 m (480 ft)	FDK-083H3004

Spare parts

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

F) All products on this page subject to export regulations AL: 91999, ECCN: N.

Selection and Ordering data	Order-No.	Order code
SITRANS F C flow sensors		
MASSFLO MC2 for Hygienic applications only	F)	7ME4310-
Nominal diameter		
W 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	
Pressure and Process connections		
(Dairy screwed connection to DIN 11851 only)		
DN 20 (¾"), PN 25	4 0	
DN 25 (1") , PN 25	4 1	
DN 40 (1½") , PN 25	4 2	
DN 50 (2") , PN 25	4 3	
DN 65 (2½") , PN 25	4 4	
DN 80 (3") , PN 25	4 5	
Configuration		
Flow and density (5 kg/m³)	1	
Flow, Brix/Plato and density (5 kg/m³)	2	
Flow and density (1 kg/m³) ¹⁾	5	
Flow, fraction (customer specified application form the net)	9	N O Y
Ex-approval		
Standard	A	
Ex, ATEX, FM Class I, Div 1	B	
Cable		
No cable (see accessories)	A	
Calibration		
Standard	1	
Matched pair	2	

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Selection and Ordering data	Order code
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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 (5x2)	Y60
Customer specified calibration (5x2)	Y61
Customer specified, matched pair (10x1)	Y62
Customer specified calibration (10x1)	Y63
Special version	Y99

Accessories	Order No. ^{F)}
Cables from MC2 sensor to MASS 6000 transmitter	
10 m (32 ft)	FDK-083H3001
25 m (80 ft)	FDK-083H3002
75 m (240 ft)	FDK-083H3003
150 m (480 ft)	FDK-083H3004

Spare parts	Order No. ^{F)}
2 kB SENSORPROM unit	
(Sensor Serial No. and Order No. must be specified by ordering)	FDK-083H4410

Dairy MLFB example	
MASS MC2 sensor	7ME4310- 1 C - 4 2 - 1 A A 1
Stainless steel, W 1.4435/316L	
Dairy screwed connection DIN 11851, DN 40, PN25	
	