

Selection and Ordering data	Order-No.	Order code
SITRANS F C sensors		
MASS 2100 without heating jacket F)	7ME4100-	
MASS 2100 heated, DN 15 connection F)	7ME4200-	
MASS 2100 heated, ½ inch, ANSI B16.5 connection F)	7ME4210-	
Diameter		
Stainless steel 1.4435/316L		
DI 3 (PN 100/PN 230)	1 C	
DI 6	1 D	
DI 15	1 E	
DI 25	1 F	
DI 40	1 G	
2.4602/Hastelloy C22		
DI 3 (PN 100/PN 350)	2 C	
DI 6	2 D	
DI 15	2 E	
DI 25	2 F	
Pressure		
PN 16 (DI 6, DI 15, DI 25 and DI 40)	A	
PN 25 (DI 6, DI 15, DI 25 and DI 40)	B	
PN 40 (DI 6, DI 15, DI 25 and DI 40)	C	
PN 100 (DI 3, DI 6, DI 15, DI 25 and DI 40)	D	
PN 105 (DI 40, 2", 316L)	E	
PN 110 (DI 25, 1", 316L)	F	
PN 130 (DI 15, ½", 316L)	G	
PN 185 (DI 25, 1", Hastelly C-22)	J	
PN 200 (DI 15, ½", Hastelly C-22)	K	
PN 230 (DI 3, ¼", 316L)	L	
PN 265 (DI 6, ¼", 316L)	M	
PN 350 (DI 3, ¼", Hastelloy C-22)	N	
PN 410 (DI 6, ¼", Hastelloy C-22)	Q	
Class 150 (DI 6, DI 15, DI 25 and DI 40)	R	
Class 600 (DI 6, DI 15, DI 25 and DI 40)	S	
Process connection/flange		
Pipe thread		
G ¼"	1 0	
¼" NPT	1 1	
G ½"	1 2	
½" NPT	1 3	
G 1	1 4	
1" NPT	1 5	
G 2"	1 6	
2" NPT	1 7	
Flange EN1092-1		
DN 10 (PN 40/PN 100)	2 0	
DN 15 (PN 40/PN 100)	2 1	
DN 25 (PN 40/PN 100)	2 2	
DN 40 (PN 40/PN 100)	2 3	
DN 50 (PN 40/PN 100)	2 4	
Flange ASME/ANSI B 16.5		
½" (class 150/class 600)	3 0	
¾" (class 150/class 600)	3 1	
1" (class 150/class 600)	3 2	
1 ½" (class 150/class 600)	3 3	
2 " (class 150/class 600)	3 4	

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

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Dairy screwed connection DIN 11851		
DN 10 (PN 40)	4 0	
DN 15 (PN 40)	4 1	
DN 25 (PN 40)	4 2	
DN 32 (PN 40)	4 3	
DN 40 (PN 25)	4 4	
DN 50 (PN 25)	4 5	
DN 65 (PN 25)	4 6	
Dairy clamp connection ISO 2852		
25 mm (PN 16)	5 0	
38 mm (PN 16)	5 1	
51 mm (PN 16)	5 2	
Dairy screwed connection ISO 2853		
25 mm (PN 16)	6 0	
38 mm (PN 16)	6 1	
51 mm (PN 16)	6 2	
Configuration		
Standard	1	
Density	2	
Brix/Plato	3	
Fraction (specification required)	9	N O Y
Transmitter compact mounted on sensor		
No transmitter, sensor only	A	
MASS 6000, Ex-d, stainless steel enclosure, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC with EEx-de [ia/ib] T3 -T6 Ex-approval.	B	
MASS 6000, IP67, Polyamide enclosure, cable glands M20, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC.	C	
MASS 6000, IP67, Polyamide enclosure, cable glands M20, 1 current, 1 freq./pulse and 1 relay output, 115/230 V AC 50/60 Hz	D	
MASS 6000, IP67, Polyamide enclosure, cable glands ½" NPT, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC	E	
MASS 6000, IP67, Polyamide enclosure, cable glands ½" NPT, 1 current, 1 freq./pulse and 1 relay output, 115/230 V AC 50/60 Hz, ½" NPT	F	
Cable		
No cable	A	
5 m (16 ft) cable	B	
10 m (32 ft) cable	C	
25 m (82 ft) cable	D	
50 m (164 ft) cable	E	
75 m (246 ft) cable	F	
150 m (492 ft) cable	G	
Calibration		
Standard calibration 3 flow x 2 points	1	
Standard calibration matched pair 3 flow x 2 points	2	
Accredited calibration matched pair 5 flow x 2 points (DANAK)	3	
Extended calibration customer specified select Y60, Y61, Y62 or Y63 (see additional information)	8	

F) Subject to export regulations AL: 9I999, ECCN: N.

Dairy MLFB example**MASS 2100**

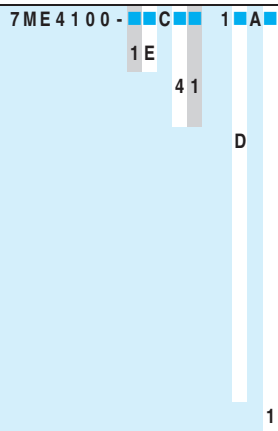
Stainless stell, DI 15

Dairy screwed connection
DIN 11851, DN 15

MASS 6000 IP67 compact mounted



Standard calibration

**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 10204-3.1B

C12Welding certificate NDT X-ray: EN 25817/B
DI 3 sensor only: NDT-Penetrant: ISO 3452**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**Selection and Ordering data****Accessories**

Description	Dimension	Order No. ^{F)}
Mating parts for hygienic fittings DIN 11851 Includes: • 2 unions • 2 mating parts (for welding in) • 2 EPDM gaskets	DN 10	FDK-085U1016
	DN 15	FDK-085U1017
	DN 25	FDK-085U1019
	DN 32	FDK-085U1020
	DN 40	FDK-085U1021
	DN 50	FDK-085U1022
Mating parts for hygienic clamp ISO 2852 Includes: • 2 clamps • 2 mating parts • 2 EPDM gaskets	DN 65	FDK-085U1023
	25 mm	FDK-085U1029
	40 mm	FDK-085U1031
	50 mm	FDK-085U1032

Gaskets for MASS 2100

Description	Dimension	Order No. ^{F)}
2 EPDM gaskets with collar for mounting set DIN 11851	DN 10	FDK-085U1006
	DN 15	FDK-085U1007
	DN 25	FDK-085U1009
	DN 32	FDK-085U1010
	DN 40	FDK-085U1011
	DN 50	FDK-085U1012
	DN 65	FDK-085U1013

Spare parts

Description	Length	Order No. ^{F)}
Multiple plug for cable mounting		FDK-083H5056
Cable with multiple plug Standard blue cable between MASS 6000 and MASS 2100, 5 x 2 x 0,34 mm ² twisted and screened in pairs. Temperature range -20 °C ... +110 °C (-68 °F ... +230 °F)	5 m (16.4 ft)	FDK-083H3015
	10 m (32.8 ft)	FDK-083H3016
	25 m (82 ft)	FDK-083H3017
	50 m (164 ft)	FDK-083H3018
	75 m (246 ft)	FDK-083H3054
	150 m (492 ft)	FDK-083H3055
Adapter for MASS 2100		FDK-083L8889
2 kB SENSORPROM unit (Sensor Serial No. and Order No. must be specified by ordering)		FDK-083H4410