

Selection and Ordering data		Order No.	Order code	Selection and Ordering data		Order No.	Order code
SITRANS F C sensors				SITRANS F C sensors			
MASS 2100 without heating jacket			7 ME 4 1 0 0 -	MASS 2100 without heating jacket			7 ME 4 1 0 0 -
MASS 2100 heated, DN 15 connection			7 ME 4 2 0 0 -	MASS 2100 heated, DN 15 connection			7 ME 4 2 0 0 -
MASS 2100 heated, ½ inch, ANSI B16.5 connection			7 ME 4 2 1 0 -	MASS 2100 heated, ½ inch, ANSI B16.5 connection			7 ME 4 2 1 0 -
Diameter				Dairy screwed connection DIN 11851			
Stainless steel AISI 316L/1.4435				DN 10 (PN 40)			4 0
DI 3 (PN 100/PN 230)			1 C	DN 15 (PN 40)			4 1
DI 6			1 D	DN 25 (PN 40)			4 2
DI 15			1 E	DN 32 (PN 40)			4 3
DI 25			1 F	DN 40 (PN 25)			4 4
DI 40			1 G	DN 50 (PN 25)			4 5
				DN 65 (PN 25)			4 6
Hastelloy C22/2.4602				Dairy clamp connection ISO 2852 (DIN 32676)			
DI 3 (PN 100/PN 350)			2 C	Cone down the sensor in order to obtain self-drainage with connectors ISO 2852			
DI 6			2 D				
DI 15			2 E	25 mm (PN 16)			5 0
DI 25			2 F	38 mm (PN 16)			5 1
				51 mm (PN 16)			5 2
Pressure				Dairy screwed connection ISO 2853			
PN 16 (DI 6, DI 15, DI 25 and DI 40)			A	25 mm (PN 16)			6 0
PN 25 (DI 6, DI 15, DI 25 and DI 40)			B	38 mm (PN 16)			6 1
PN 40 (DI 6, DI 15, DI 25 and DI 40)			C	51 mm (PN 16)			6 2
PN 100 (DI 3, DI 6, DI 15, DI 25 and DI 40)			D				
PN 105 (DI 40, 2", AISI 316L/1.4404)			E				
PN 110 (DI 25, 1", AISI 316L/1.4404)			F				
PN 130 (DI 15, ½", AISI 316L/1.4404)			G	Configuration/calibration type			
PN 185 (DI 25, 1", Hastelloy C22/2.4602)			J	Standard			1
PN 200 (DI 15, ½", Hastelloy C22/2.4602)			K	Density			2
PN 230 (DI 3, ¼", AISI 316L/1.4404)			L	BRIX/PLATO			3
PN 265 (DI 6, ¼", AISI 316L/1.4404)			M	Fraction (specification required)			9
PN 350 (DI 3, ¼", Hastelloy C22/2.4602)			N				N O Y
PN 410 (DI 6, ¼", Hastelloy C22/2.4602)			Q	Transmitter compact mounted on sensor			
Class 150 (DI 6, DI 15, DI 25 and DI 40)			R	No transmitter, sensor and adapter only			A
Class 600 (DI 6, DI 15, DI 25 and DI 40)			S	MASS 6000, Ex d, stainless steel enclosure, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC with Ex 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
Process connection/flange				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
Pipe thread				MASS 6000, IP67, Polyamide enclosure, cable glands ½" NPT, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC			E
G ¼"			1 0	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			F
¼" NPT			1 1				
G ½"			1 2	Cable			
½" NPT			1 3	No cable			A
G 1			1 4	5 m (16.4 ft) cable			B
1" NPT			1 5	10 m (32.8 ft) cable			C
G 2"			1 6	25 m (82 ft) cable			D
2" NPT			1 7	50 m (164 ft) cable			E
				75 m (246 ft) cable			F
Flange EN1092-1 Form B				150 m (492 ft) cable			G
DN 10 (PN 40/PN 100)			2 0				
DN 15 (PN 40/PN 100)			2 1	Calibration/verification			
DN 25 (PN 40/PN 100)			2 2	Standard calibration 3 flow x 2 points			1
DN 40 (PN 40/PN 100)			2 3	Stand. calibration matched pair 3 flow x 2 points			2
DN 50 (PN 40/PN 100)			2 4	Accredited calibration matched pair 5 flow x 2 points (DANAK to ISO 17025)			3
Flange ASME/ANSI B 16.5				Extended calibration customer-specified select Y60, Y61, Y62 or Y63 (see additional information)			8
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				

Dairy MLFB example

MASS 2100

Sensor size DI 15,
AISI 316L/1.4435

PN 40

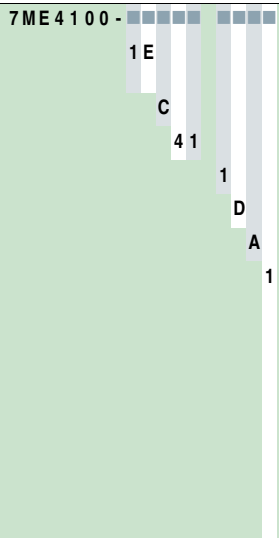
DN 15 connector

Standard configuration/calibration

MASS 6000 IP67 compact mounted

No cable

Standard calibration, 3 flow x 2 points



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

Material certificate EN 10204-3.1

NDT- X-ray inspection report: EN 1435

DI3 sensor only: NDT-Penetrant inspection report
ISO 3452.

Factory certificate according to EN 10204 2.2

Factory certificate according to EN 10204 2.1

Tag name plate, stainless steel

Tag name plate, plastic

Customer-specific transmitter setup

Customer-specified, matched pair (5 x 2)

Customer-specified calibration (5 x 2)

Customer-specified, matched pair (10 x 1)

Customer-specified calibration (10 x 1)

Cleaned for oil and grease

Special version

C11

C12

C13

C14

C15

Y17

Y18

Y20

Y60

Y61

Y62

Y63

Y80

Y99

Operating instructions for

SITRANS F C MASS 2100 DI 3 to DI 40

Description	Order No.
• English	A5E02896535
• German	A5E03073519
• Spanish	A5E03073549
• French	A5E03073539

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>

Selection and Ordering data

Accessories

Description	Dimension	Order No.
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
2 EPDM gaskets with collar for mounting set DIN 11851	50 mm	FDK:085U1032
	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

Description	Length	Order No.
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 (-4 °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

Spare parts

Description	Order No.
Adapter for MASS 2100	FDK:083L8889
Multiple plug for cable mounting	FDK:083H5056
2 kB SENSORPROM unit, including programming (Sensor Serial No. and Order No. must be specified by ordering)	
	FDK:083H4410