

## SITRANS F C sensor MASS 2100 DI 1.5 with SITRANS MASS 6000 and SIFLOW FC070 transmitter

**Note:** Technical specification see page 3/180 to 3/182.

Selection and Ordering data	Article No.	Ord. code
<b>SITRANS F C Flow sensors</b>	7ME4100-	
<b>MASS 2100 DI 1.5 (1/16") sensor</b>		
Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
<b>Diameter</b>		
Stainless steel AISI 316L/1.4435		
DI 1.5, max. 125 °C (257 °F)	1 A	
DI 1.5, max. 180 °C (356 °F)	1 B	
Hastelloy C22/2.4602		
DI 1.5, max. 125 °C (257 °F)	2 A	
DI 1.5, max. 180 °C (356 °F)	2 B	
<b>Pressure</b>		
PN 100	D	
PN 230 (AISI 316L/1.4404)	L	
PN 365 (C22/2.4602)	P	
<b>Process connection/flange</b>		
Pipe thread		
G 1/4" male	1 0	
1/4" NPT male	1 1	
<b>Configuration</b>		
Standard		1
Density		2
Brix/Plato		3
Fraction (specification required)		9
<b>Transmitter</b>		
No transmitter, sensor and adapter only		A
MASS 6000, Ex d, stainless steel enclosure, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC with Ex d e ib [ia Ga] IIC T4 Gb 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 1/2" NPT, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC		E
MASS 6000, IP67, Polyamide enclosure, cable glands 1/2" NPT, 1 current, 1 freq./pulse and 1 relay output, 115/230 V AC 50/60 Hz, 1/2" NPT		F
<b>Cable</b>		
No cable		A
5 m (16.4 ft) cable		B
10 m (32.8 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
<b>Calibration</b>		
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		3
Extended calibration customer-specified select Y60, Y61, Y62 or Y63 (see additional information)		8

**Selection and Ordering data**

Order code

**Additional information**

Please add "-Z" to Article No. and specify Order code(s) and plain text.

Pressure testing certificate PED: 2014/68/EU

C11

Material certificate EN 10204-3.1

C12

Welding certificate 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 (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

Cleaned for oil and grease

Y80

Special version

Y99

**Operating instructions for SITRANS F C MASS 2100 DI 1.5****Description**

Article No.

- English

A5E03089952

All literature is available to download for free, in a range of languages, at [www.siemens.com/processinstrumentation/documentation](http://www.siemens.com/processinstrumentation/documentation)**Accessories****Description**

Article No.

**Cable with multiple connector**Standard blue cable between MASS 6000 and MASS 2100, 5 x 2 x 0.34 mm<sup>2</sup> twisted and screened in pairs. Temperature range -20 °C ... +110 °C (-4 °F ... +230 °F)

- 5 m (16.4 ft)
- 10 m (32.8 ft)
- 25 m (82 ft)
- 50 m (164 ft)
- 75 m (246 ft)
- 150 m (492 ft)

FDK:083H3015

FDK:083H3016

FDK:083H3017

FDK:083H3018

FDK:083H3054

FDK:083H3055

**Spare parts****Description**

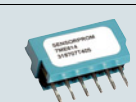
Article No.

**Multiple connector for cable mounting**

FDK:083H5056

**2 kB SENSORPROM unit (Sensor Serial No. and Article No. must be specified by ordering)**

FDK:083H4410

**Bracket**

Mounting bracket for flow sensor MASS 2100 DI 1.5

A5E02590427

