

**SITRANS F C Flow sensors**

**MASS 2100 DI 1.5 (1/16") sensor, without heating jacket<sup>1)</sup>**

7ME4100-



**Diameter**

Stainless steel mat. no. 1.4435/316L

DI 1.5, max. 125 °C (257 °F)

DI 1.5, max. 180 °C (356 °F)

Mat. no. 2.4602/Hastelloy C22

DI 1.5, max. 125 °C (257 °F)

DI 1.5, max. 180 °C (356 °F)

1 A

1 B

2 A

2 B

**Pressure**

PN 100

PN 230 (316L)

PN 365 (C22)

D

L

P

**Process connection/flange**

Pipe thread

G 1/4" male

1/4" NPT male

1 0

1 1

**Configuration**

Standard

Density

BRIX/PLATO

Fraction (specification required)

1

2

3

9

N O Y

**Transmitter compact mounted on sensor**

No transmitter, sensor and adapter only

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.

MASS 6000, IP67, Polyamide enclosure, cable glands M20, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC.

MASS 6000, IP67, Polyamide enclosure, cable glands M20, 1 current, 1 freq./pulse and 1 relay output, 115/230 V AC 50/60 Hz

MASS 6000, IP67, Polyamide enclosure, cable glands 1/2" NPT, 1 current, 1 freq./pulse and 1 relay output, 24 V AC/DC

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

A

B

C

D

E

F

**Cable**

No cable

5 m (16.4 ft) cable

10 m (32.8 ft) cable

25 m (82 ft) cable

50 m (164 ft) cable

75 m (246 ft) cable

150 m (492 ft) cable

A

B

C

D

E

F

G

**Calibration**

Standard calibration 3 flow x 2 points

Standard calibration matched pair 3 flow x 2 points

Accredited calibration matched pair 5 flow x 2 points (DANAK)

Extended calibration customer-specified select Y60, Y61, Y62 or Y63 (see additional information)

1

2

3

8

**Description**

Order No.

Operating instructions for SITRANS F C MASS 2100 DI 1.5

• English

**A5E03089952**

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>

Please also see [www.siemens.com/SITRANSOrdering](http://www.siemens.com/SITRANSOrdering) for practical examples of ordering

**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 10204-3.1

**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**

**Spare parts**

**Description**

Order No.

**Multiple plug for cable mounting**

**FDK-083H5056**

**Cable with multiple plug**

5 m (16.4 ft)

**FDK-083H3015**

Standard blue cable between

10 m (32.8 ft)

**FDK-083H3016**

MASS 6000 and MASS 2100, 5 x 2 x 0.34 mm<sup>2</sup> twisted and screened in pairs.

25 m (82 ft)

**FDK-083H3017**

Temperature range -20 °C ... +110 °C (-4 °F ... +230 °F)

50 m (164 ft)

**FDK-083H3018**

75 m (246 ft)

**FDK-083H3054**

150 m (492 ft)

**FDK-083H3055**

**2 kB SENSORPROM unit**

(Sensor Serial No. and Order No. must be specified by ordering)

**FDK-083H4410**

**Bracket**

**A5E02590427**

<sup>1)</sup> Not possible to order DI 1.5 sensor with heat jacket.