

**Selection and Ordering data**

Order No. Order code

**SITRANS F C Flow sensors**
**SITRANS FC300 DN 4 (1/6") sensor, without heating jacket<sup>1)</sup>**
**7ME4400-**

**Pipe material and temperature**

Stainless steel AISI 316L/1.4435

115 °C (239 °F)

180 °C (356 °F)

Hastelloy C22/2.4602

115 °C (239 °F)

180 °C (356 °F)

**1 G**
**1 H**
**2 G**
**2 H**
**Pressure**

PN 100

PN 130 (316L)

PN 410 (C22)

**D**
**G**
**Q**
**Process connection**

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 0 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**
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**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

Welding certificate NDT-Penetrant: 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 FC300**

Description	Order No.
• English	<b>A5E00698213</b>
• German	<b>A5E00728101</b>
• Spanish	<b>A5E00746629</b>
• French	<b>A5E00746625</b>

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>
**Accessories**

Description	Order No.
<b>Cable with multiple plug</b> 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) <b>FDK-083H3015</b>
	10 m (32.8 ft) <b>FDK-083H3016</b>
	25 m (82 ft) <b>FDK-083H3017</b>
	50 m (164 ft) <b>FDK-083H3018</b>
	75 m (246 ft) <b>FDK-083H3054</b>
	150 m (492 ft) <b>FDK-083H3055</b>

**Spare parts**

Description	Order No.
<b>Multiple plug for cable mounting</b>	<b>FDK-083H5056</b>
<b>2 kB SENSORPROM unit</b> (Sensor Serial No. and Order No. must be specified by ordering)	<b>FDK-083H4410</b>
<b>Bracket</b>	<b>A5E02590439</b>
<b>Demo suitcase</b> including MASS 6000 and HART module	<b>A5E00789737</b>

<sup>1)</sup> Not possible to order DN 4 sensor with heating jacket