

SITRANS F C Flow sensors			
SITRANS FC300 DN 4 (1/6") sensor, without heating jacket¹⁾	7ME4400-		
Pipe material and temperature			
Stainless steel mat. no. 1.4435/316L			
115 °C (239 °F)	1G		
180 °C (356 °F)	1H		
Mat. no. 2.4602/Hastelloy C22			
115 °C (239 °F)	2G		
180 °C (356 °F)	2H		
Pressure			
PN 100	D		
PN 130 (316L)	G		
PN 410 (C22)	Q		
Process connection			
Pipe thread			
G 1/4" male		10	
1/4" NPT male		11	
Configuration			
Standard		1	
Density		2	
BRIX/PLATO		3	
Fraction (specification required)		9	N O Y
Transmitter compact mounted on sensor			
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 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 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	
Cable			
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	
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	

¹⁾ Not possible to order DN 4 sensor with heating jacket

Description	Order No.
Operating instructions for SITRANS F C FC300	
• English	A5E00698213
• German	A5E00728101
• Spanish	A5E00746629
• French	A5E00746625
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 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	
Standard blue cable between	5 m (16.4 ft) FDK-083H3015
MASS 6000 and MASS 2100,	10 m (32.8 ft) FDK-083H3016
5 x 2 x 0.34 mm ² 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
Demo suitcase including MASS 6000 and HART module	A5E00789737