

Flowmeter SITRANS FUS380 (standard) 7ME3400 -



Diameter	Flow setting [m ³ /h] Q _p (Q _n) ¹⁾ Q _s		
DN 50 (2") ²⁾	15	15	1 A
DN 50 (2") ²⁾	15	45	1 C
DN 50 (2") ²⁾	30	45	1 D
DN 65 (2½") ²⁾	25	25	1 E
DN 65 (2½") ²⁾	25	72	1 G
DN 65 (2½") ²⁾	50	72	1 H
DN 80 (3") ²⁾	40	40	1 J
DN 80 (3") ²⁾	40	120	1 L
DN 80 (3") ²⁾	80	120	1 M
DN 100 (4")	60	60	1 N
DN 100 (4")	60	180	1 Q
DN 100 (4")	120	240	1 R
DN 125 (5")	100	100	1 S
DN 125 (5")	100	280	1 U
DN 125 (5")	200	400	1 V
DN 150 (6")	150	150	2 A
DN 150 (6")	150	420	2 C
DN 150 (6")	300	560	2 D
DN 200 (8")	250	250	2 E
DN 200 (8")	250	700	2 G
DN 200 (8")	500	900	2 H
DN 250 (10")	400	400	2 J
DN 250 (10")	400	1120	2 L
DN 250 (10")	800	1400	2 M
DN 300 (12")	560	560	2 N
DN 300 (12")	560	1560	2 Q
DN 300 (12")	1120	2100	2 R
DN 350 (14")	750	750	2 S
DN 350 (14")	750	2100	2 U
DN 350 (14")	1500	2800	2 V
DN 400 (16")	950	950	3 A
DN 400 (16")	950	2660	3 C
DN 400 (16")	1900	3600	3 D
DN 500 (20")	1475	1475	3 J
DN 500 (20")	1475	4130	3 L
DN 500 (20")	2950	5500	3 M
DN 600 (24")	2150	2150	3 S
DN 600 (24")	2150	6020	3 U
DN 600 (24")	4300	8000	3 V
DN 700 (28")	2900	2900	4 E
DN 700 (28")	2900	8120	4 G
DN 700 (28")	5800	10 800	4 H
DN 800 (32")	3800	3800	4 N
DN 800 (32")	3800	10 640	4 Q
DN 800 (32")	7600	14 200	4 R
DN 900 (36")	5000	5000	5 A
DN 900 (36")	5000	14 000	5 C
DN 900 (36")	10000	20 000	5 D
DN 1000 (40")	6000	6000	5 J
DN 1000 (40")	6000	16 800	5 L
DN 1000 (40")	12 000	24 000	5 M
DN 1200 (48")	9000	9000	5 S
DN 1200 (48")	9000	25 200	5 U
DN 1200 (48")	18 000	36 000	5 V

This device is shipped with a Quick Start guide and the SITRANS F manual CD containing the complete manual library. Printed Operating Instructions are available for purchase via PMD.

Flowmeter SITRANS FUS380 (standard) 7ME3400 -



Flange norm and pressure rating		
System without sensor - only a transmitter FUS080 as spare part - settings as defined with this order no.	A	
<u>EN 1092-1 Flanges</u>		
PN 16 (DN 100 ... DN 1200)	C	
PN 25 (DN 200 ... DN 1000)	D	
PN 40 (DN 50 ... DN 250) ³⁾	E	
Compact / remote connection		
Compact version, max. 120 °C (248 °F)	0	
Remote version, max. 150/200 °C (302/392 °F)		
5 m (16.4 ft)	2	
10 m (32.8 ft)	3	
20 m (65.6 ft)	4	
30 m (98.4 ft)	5	
Pulse output value setup		
0.1 l/p (option for DN 50 ... DN 65) with 5 ms		1
1 l/p (typical for DN 50 ... DN 65) with 5 ms		2
2.5 l/p (typical for DN 80 ... DN 125) with 5 ms		3
10 l/p (typical for DN 150 ... DN 250) with 5 ms		4
50 l/p (typical for DN 300 ... DN 400) with 5 ms		5
100 l/p (typical for DN 500 ... DN 1200) with 5 ms		6
250 l/pulse		7
1 m ³ /pulse		8
0.25 l/pulse		9
0.5 l/pulse		9
5 l/pulse		9
25 l/pulse		9
500 l/pulse		9
2.5 m ³ /pulse		9
5 m ³ /pulse		9
10 m ³ /pulse		9
25 m ³ /pulse		9
50 m ³ /pulse		9
100 m ³ /pulse		9
250 m ³ /pulse		9
500 m ³ /pulse		9
1000 m ³ /pulse		9
Transmitter SITRANS FUS080		
IP67/NEMA 4X/6 115 ... 230 V AC		B
IP67/NEMA 4X/6 3.6 V battery version, incl. dual battery pack		D
IP67/NEMA 4X/6 115 ... 230 V AC, including 3.6 V single battery backup		E
IP67/NEMA 4X/6 3.6 V battery version (no battery pack included) ⁴⁾		G
Pulse width setup		
5 ms (standard)		2
10 ms		3
20 ms		4
50 ms		5
100 ms		6
200 ms		7
500 ms		8

1) Q_p (Q_n) is the normal or typical flow. Q_p and Q_s is shown on the system label.
 2) Pipe material bronze brass.
 3) PN 40 standard for DN 50 ... DN 80 die-cast bronze pipes.
 4) Lithium batteries are subject to special transportation regulations according to United Nations "Regulation of Dangerous Goods, UN 3090 and UN 3091". Special transport documentation is required to observe these regulations. This may influence both transport time and costs.

Selection and Ordering data

Order code

Additional information

Please add „-Z“ to Order No. and following add-on code(s) with plain text.

Calibration / certificate FUS380

Production calibration for DN 50 ... DN 1200 with Q_n as selected in diameter.

Calibration protocol: 2 x 3 points, Q_i , 10 % Q_p and Q_p (max. 4200 m³/h).

Accredited Siemens ISO/IEC 17025 calibration for DN 50 ... DN 200 with Q_n as selected in diameter. Certificate: 2 x 3 points, Q_i , 10 % Q_p and Q_p (max. 250 m³/h).

Accredited Siemens ISO/IEC 17025 calibration for DN 100 ... DN 500 with Q_n as selected in diameter. Certificate: 2 x 3 points, Q_i , 10 % Q_p and Q_p (max. 1300 m³/h).

Accredited Siemens ISO/IEC 17025 calibration, DN 300 ... DN 1200 with Q_n as selected in diameter. Certificate: 2 x 3 points, Q_i , 10 % Q_p and Q_p (max. 4200 m³/h).

Output B as reverse flow pulses.
No calibration/verification.

Material certificate

EN 10204-3.1

Tag name plate

Stainless steel tag name plate, text length depends on font size: 8 mm up to 10 characters, 4 mm up to 20 characters, or 3 mm up to 30 characters (add plain text)

Included**D20****D21****D22****E21****F10****Y17****Flowmeter SITRANS FUS380 operating instructions, accessories and spare parts****Operating instructions**

Description	Order No.
• English	A5E00730100
• German	A5E00740611
• Spanish	A5E00754188
• French	A5E00754173

This device is shipped with a Quick Start guide and a CD containing further SITRANS F US literature.

All literature is also available for free at:
<http://www.siemens.com/flowdocumentation>

For accessories and spare parts see chapter of transmitter SITRANS FUS080/FUE080 on page 4/224.



Please use online Product selector to get latest updates. Product selector link:

www.pia-selector.automation.siemens.com