Selection and Ordering data			Order No.	Order code
Flowmeter SITRANS FUE380 (type-approved)			**7ME3410-**	
Diameter	**Flow setting [m³/h] Qp[m³/h]1)**	**Qs [m³/h]**		
DN 50 (2")2)	15 3)	30	**1B**	
DN 50 (2")2)	15 3)	45	**1C**	
DN 50 (2")2)	30 4)	45	**1D**	
DN 65 (2½")2)	25 3)	50	**1F**	
DN 65 (2½")2)	25 3)	72	**1G**	
DN 65 (2½")2)	50 4)	72	**1H**	
DN 80 (3")2)	40 3)	80	**1K**	
DN 80 (3")2)	40 3)	120	**1L**	
DN 80 (3")2)	80 4)	120	**1M**	
DN 100 (4")	60 3)	120	**1P**	
DN 100 (4")	60 3)	180	**1Q**	
DN 100 (4")	120 4)	180	**1R**	
DN 125 (5")	100 3)	200	**1T**	
DN 125 (5")	100 3)	280	**1U**	
DN 125 (5")	200 4)	280	**1V**	
DN 150 (6")	150 3)	300	**2B**	
DN 150 (6")	150 3)	420	**2C**	
DN 150 (6")	300 4)	420	**2D**	
DN 200 (8")	250 3)	500	**2F**	
DN 200 (8")	250 3)	700	**2G**	
DN 200 (8")	500 4)	700	**2H**	
DN 250 (10")	400 3)	800	**2K**	
DN 250 (10")	400 3)	1120	**2L**	
DN 250 (10")	800 4)	1120	**2M**	
DN 300 (12")	560 3)	1120	**2P**	
DN 300 (12")	560 3)	1560	**2Q**	
DN 300 (12")	1120 4)	1560	**2R**	
DN 350 (14")	750 3)	1500	**2T**	
DN 350 (14")	750 3)	2100	**2U**	
DN 350 (14")	1500 4)	2100	**2V**	
DN 400 (16")	950 3)	1900	**3B**	
DN 400 (16")	950 3)	2660	**3C**	
DN 400 (16")	1900 4)	2660	**3D**	
DN 500 (20")	1475 3)	2950	**3K**	
DN 500 (20")	1475 3)	4130	**3L**	
DN 500 (20")	2950 4)	4130	**3M**	
DN 600 (24")	2150 3)	4300	**3T**	
DN 600 (24")	2150 3)	6020	**3U**	
DN 600 (24")	4300 4)	6020	**3V**	
DN 700 (28")	2900 3)	5800	**4F**	
DN 700 (28")	2900 3)	8120	**4G**	
DN 700 (28")	5800 4)	8120	**4H**	
DN 800 (32")	3800 3)	7600	**4P**	
DN 800 (32")	3800 3)	10 640	**4Q**	
DN 800 (32")	7600 4)	10 640	**4R**	
DN 900 (36")	5000 3)	10 000	**5B**	
DN 900 (36")	5000 3)	14 000	**5C**	
DN 900 (36")	10 000 4)	14 000	**5D**	
DN 1000 (40")	6000 3)	12 000	**5K**	
DN 1000 (40")	6000 3)	16 800	**5L**	
DN 1000 (40")	12 000 4)	16 800	**5M**	
DN 1200 (48")	9000 3)	18 000	**5T**	
DN 1200 (48")	9000 3)	25 200	**5U**	
DN 1200 (48")	18 000 4)	25 200	**5V**	

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.

For notes 1) to 8) see next page

Selection and Ordering data	Order No.	Order code
Flowmeter SITRANS FUE380 (type-approved)	**7ME3410-**	
Flange norm and pressure rating		
System without sensor - only a transmitter		
EN 1092-1		
PN 16 (DN 100 ... DN 1200)	**C**	
PN 25 (DN 200 ... DN 1000)	**D**	
PN 40 (DN 50 ... DN 250)5)	**E**	
Compact/remote connection		
Compact version, max. 120 °C (248 °F)	**0**	
Remote version, max. 200 °C (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**	
Approvals/pulse output		
Without approval (neutral) Selectable pulse output (following code can be 1 ... 9)	**0**	
With approval marks Selectable pulse output (following code can be 1 ... 9)	**1**	
With approval marks and seal Selectable pulse output (following code can be 1 ... 9)	**2**	
Without approval (neutral) Preset pulse output for FUE950 energy meter (following code must be 2 ... 6)	**3**	
With approval marks Preset pulse output for FUE950 energy meter (following code must be 2 ... 6, dimension depending)	**4**	
With approval marks and seal Preset pulse output for FUE950 energy meter (following code must be 2 ... 6)	**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**	
Optional pulse values		
250 l/pulse	**7**	
1 m³/pulse	**8**	
0.25 l/pulse	**9**	**N0A**
0.5 l/pulse	**9**	**N0B**
5 l/pulse	**9**	**N0C**
25 l/pulse	**9**	**N0D**
500 l/pulse	**9**	**N0E**
2.5 m³/pulse	**9**	**N0F**
5 m³/pulse	**9**	**N0G**
10 m³/pulse	**9**	**N0H**
25 m³/pulse	**9**	**N0J**
50 m³/pulse	**9**	**N0K**
100 m³/pulse	**9**	**N0L**
250 m³/pulse	**9**	**N0M**
500 m³/pulse	**9**	**N0N**
1000 m³/pulse	**9**	**N0P**

Selection and Ordering data	Order No.	Order code
Flowmeter SITRANS FUE380 (type-approved)	**7ME3410 -**	
Transmitter SITRANS FUE080		
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)[6]		**G**
Country/approval type[7]		
Neutral, no approval mark		**A**
China		**C**
Denmark[8], EN 1434/OIML R 75		**E**
Finland[8], EN 1434/OIML R 75		**F**
Germany[8], EN 1434 (PTB approval, DN 80 ... DN 1200)		**G**
Russia, EN 1434/OIML R 75		**M**
Ukraine, EN1434/OIML R 75		**P**
MID-Approval, (EN 1434/OIML R 75), English		**R**
MID-Approval, (EN 1434/OIML R 75), German		**S**
MID-Approval, (EN 1434/OIML R 75), Polish		**T**
MID-Approval, (EN 1434/OIML R 75), French		**U**
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 flow according to the approval requirements. Q_p and Q_s is shown on the system label.

2) Pipe material bronze brass

3) EN 1434 flow values. The minimum flow (Q_i) should be checked in the PIA-selector or product master data base (PMD).

4) OIML R 75 flow values

5) PN 40 standard for DN 50 ... DN 80 die-cast bronze pipes

6) 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.

7) Other countries in progress

8) In Europe the MID approval is the standard, please use following selections.

Please also see www.siemens.com/SITRANSFordering for practical examples of ordering.

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 FUE380	
Approval, verification and sealing as defined with the order number. See order code.	
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 m^3/h).	**Included**
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 m^3/h).	**D20**
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 m^3/h).	**D21**
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 m^3/h).	**D22**
Output B as reverse flow pulses. No calibration/verification.	**E21**
Material certificate	
EN 10204-3.1	**F10**
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)	**Y17**

Flowmeter SITRANS FUE380 operating instructions, accessories and spare parts

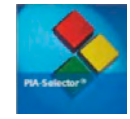
Operating instructions

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 on page 4/224 see chapter of transmitter FUS080/FUE080.



Please use online Product selector to get latest updates.
Product selector link:
www.pia-selector.automation.siemens.com