

Selection and Ordering data			Order-No.	Order code
Flowmeter SITRANS FUE380 (type approved)			F) 7ME3410-	
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Diameter	max. flow range Qp [m³/h] Qs [m³/h]			
DN 50 (2") ¹⁾	15 ²⁾	30	1 B	
DN 50 (2") ¹⁾	15 ²⁾	45	1 C	
DN 50 (2") ¹⁾	30 ³⁾	45	1 D	
DN 60 (2½") ¹⁾	25 ²⁾	50	1 F	
DN 60 (2½") ¹⁾	25 ²⁾	72	1 G	
DN 60 (2½") ¹⁾	50 ³⁾	72	1 H	
DN 80 (3") ¹⁾	40 ²⁾	80	1 K	
DN 80 (3") ¹⁾	40 ²⁾	120	1 L	
DN 80 (3") ¹⁾	80 ³⁾	120	1 M	
DN 100 (4")	60 ²⁾	120	1 P	
DN 100 (4")	60 ²⁾	180	1 Q	
DN 100 (4")	120 ³⁾	180	1 R	
DN 125 (5")	100 ²⁾	200	1 T	
DN 125 (5")	100 ²⁾	280	1 U	
DN 125 (5")	200 ³⁾	280	1 V	
DN 150 (6")	150 ²⁾	300	2 B	
DN 150 (6")	150 ²⁾	420	2 C	
DN 150 (6")	300 ³⁾	420	2 D	
DN 200 (8")	250 ²⁾	500	2 F	
DN 200 (8")	250 ²⁾	700	2 G	
DN 200 (8")	500 ³⁾	700	2 H	
DN 250 (10")	400 ²⁾	800	2 K	
DN 250 (10")	400 ²⁾	1120	2 L	
DN 250 (10")	800 ³⁾	1120	2 M	
DN 300 (12")	560 ²⁾	1120	2 P	
DN 300 (12")	560 ²⁾	1560	2 Q	
DN 300 (12")	1120 ³⁾	1560	2 R	
DN 350 (14")	750 ²⁾	1500	2 T	
DN 350 (14")	750 ²⁾	2100	2 U	
DN 350 (14")	1500 ³⁾	2100	2 V	
DN 400 (16")	950 ²⁾	1900	3 B	
DN 400 (16")	950 ²⁾	2660	3 C	
DN 400 (16")	1900 ³⁾	2660	3 D	
DN 500 (20")	1475 ²⁾	2950	3 K	
DN 500 (20")	1475 ²⁾	4130	3 L	
DN 500 (20")	2950 ³⁾	4130	3 M	
DN 600 (24")	2150 ²⁾	4300	3 T	
DN 600 (24")	2150 ²⁾	6020	3 U	
DN 600 (24")	4300 ³⁾	6020	3 V	
DN 700 (28")	2900 ²⁾	5800	4 F	
DN 700 (28")	2900 ²⁾	8120	4 G	
DN 700 (28")	5800 ³⁾	8120	4 H	
DN 800 (32")	3800 ²⁾	7600	4 P	
DN 800 (32")	3800 ²⁾	10640	4 Q	
DN 800 (32")	7600 ³⁾	10640	4 R	
DN 900 (36")	5000 ²⁾	76000	5 B	
DN 900 (36")	5000 ²⁾	14000	5 C	
DN 900 (36")	10000 ³⁾	14000	5 D	
DN 1000 (40")	6000 ²⁾	7600	5 K	
DN 1000 (40")	6000 ²⁾	16800	5 L	
DN 1000 (40")	12000 ³⁾	16800	5 M	
DN 1200 (48")	6000 ²⁾	9000	5 T	
DN 1200 (48")	6000 ²⁾	25200	5 U	
DN 1200 (48")	6000 ³⁾	25200	5 V	

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Flange norm and pressure rating				
System without sensor - only a transmitter				
EN 1092-1				
PN 16 (DN 100 ... 1200)			C	
PN 25 (DN 200 ... 1000)			D	
PN 40 (DN 50 ... 250) ⁴⁾			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)			0	
Selectable pulse output (following code can be 1 ... 9)				
With approval marks			1	
Selectable pulse output (following code can be 1 ... 9)				
With approval marks and seal			2	
Selectable pulse output (following code can be 1 ... 9)				
Without approval (neutral) Preset pulse output for FUE950 energy meter (following code must be 2 ... 6)			3	
With approval marks			4	
Preset pulse output for FUE950 energy meter (following code must be 2 ... 6, dimension depending)				
With approval marks and seal			5	
Preset pulse output for FUE950 energy meter (following code must be 2 ... 6)				
Pulse output value setup				
0.1 l/pulse (option for DN 50 ... DN 65)			1	
1 l/pulse (typical for DN 50 ... DN 65)			2	
2.5 l/pulse (typical for DN 80 ... DN 125)			3	
10 l/pulse (typical for DN 150 ... DN 250)			4	
50 l/pulse (typical for DN 300 ... DN 400)			5	
100 l/pulse (typical for DN 500 ... DN 1200)			6	
Optional pulse values				
250 l/pulse			7	
1 m³/pulse			8	
0.25 l/pulse			9	N 0 A
0.5 l/pulse			9	N 0 B
5 l/pulse			9	N 0 C
25 l/pulse			9	N 0 D
500 l/pulse			9	N 0 E
2.5 m³/pulse			9	N 0 F
5 m³/pulse			9	N 0 G
10 m³/pulse			9	N 0 H
25 m³/pulse			9	N 0 J
50 m³/pulse			9	N 0 K
100 m³/pulse			9	N 0 L
250 m³/pulse			9	N 0 M
500 m³/pulse			9	N 0 N
1000 m³/pulse			9	N 0 P

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Flowmeter SITRANS FUE380 (type approved)	F) 7ME3410-	
Transmitter SITRANS FUE080		
IP67/NEMA 4X/6 115 ... 230 V AC	B	
IP67/NEMA 4X/6 (3.6 V battery supply)	D	
IP67/NEMA 4X/6 115 ... 230 V AC, including 3.6 V battery back up	E	
IP67/NEMA 4X/6 3.6 V battery version (no battery included) ⁵⁾	G	
Country / approval type ⁶⁾		
Neutral, no approval mark	A	
Denmark, EN 1434/OIML R75	E	
Finland, EN 1434/OIML R75	F	
Germany, EN 1434/OIML R75	G	
Russia, EN 1434/OIML R75	M	
Ukraine, EN1434/OIML R75	P	
China	Z	Q0C
MID-Approval, (EN 1434/OIML R75), English	R	
MID-Approval, (EN 1434/OIML R75), German	S	
MID-Approval, (EN 1434/OIML R75), Polish	T	
MID-Approval, (EN 1434/OIML R75), 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) Pipe material red press

2) EN 1434 flow values

3) OIML R75 flow values

4) PN 40 standard for DN 50 ... 80 red brass pipes

5) 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.

6) Other countries in progress

Please also see www.siemens.com/SITRANSFornding 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.	
Verification FUE380	
Verification certificate 2 x 3 points. Max. flow 50 ... 250 m ³ /h depending on dimension	D10
Verification certificate 2 x 3 points. Max flow 250 ... 1300 m ³ /h depending on dimension	D11
Verification certificate 2 x 3 points. Max flow 1400 ... 4200 m ³ /h depending on dimension	D12
Accredited Siemens calibration FUE380	
Accredited Siemens ISO/IEC 17025 calibration. Max. flow 50 ... 250 m ³ /h, depending on dimension (DN 50 ... 200)	D20
Accredited Siemens ISO/IEC 17025 calibration Max. flow 250 ... 1300 m ³ /h depending on dimension (DN 100 ... 500)	D21
Accredited Siemens ISO/IEC 17025 calibration Max. flow 1400 ... 4200 m ³ /h depending on dimension (DN 300 ... 1200)	D22
Material certificate	
EN 10204-3.1	F10
Tag name plate	
Stainless steel tag with 12 mm characters, max. 15 characters (add plain text)	Y17
Self-adhesive plastic tag with 8 mm characters, max. 15 characters (add plain text)	Y18

MLFB Ordering example

Customer requires a flowmeter for custody transfer:

- DN 250, PN 25, compact version (media temperature max. 120 °C), battery version.
- Type approved according to EN 1434, verified and sealed for Germany.
- Material certificate and metal tag name plate.
- Pulse output for energymeter SITRANS FUE950.

Ordering:

FUE380: **7ME3410-2LD05-4DG2-Z, F10, Y17**

Example of appropriate energy meter:

Energy meter type: **FUE950-03110-0R1CB-10300-DK2-00012**



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