

SITRANS WF330

Low to medium capacity solids flowmeters for various product sizes, densities, and fluidities, particularly fine powders. A sensing plate, sensing head and integrator are required to complete the system.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

Model

Base mount, 40 t/h (44 STPH) maximum design capacity

Side mount, 40 t/h (44 STPH) maximum design capacity

Base mount, 300 t/h (330 STPH) maximum design capacity

Flowguide size

No flowguide

2 inch ASME flange pattern¹⁾

4 inch ASME flange pattern¹⁾

6 inch ASME flange pattern²⁾

8 inch ASME flange pattern²⁾

10 inch ASME flange pattern²⁾

12 inch ASME flange pattern³⁾

14 inch ASME flange pattern³⁾

16 inch ASME flange pattern³⁾

DN 50 flange pattern¹⁾

DN 100 flange pattern¹⁾

DN 150 flange pattern²⁾

DN 200 flange pattern²⁾

DN 250 flange pattern²⁾

DN 300 flange pattern³⁾

DN 350 flange pattern³⁾

DN 400 flange pattern³⁾

Flowguide construction

No flowguide

Mild steel, C5-M rated polyester painted

Mild steel, epoxy painted with zinc primer¹⁾

Mild steel, epoxy painted with zinc primer³⁾

304 (1.4301) stainless steel¹⁾

304 (1.4301) stainless steel³⁾

316 (1.4401) stainless steel¹⁾

316 (1.4401) stainless steel³⁾

Cabinet construction

Mild steel, C5-M rated polyester painted

Mild steel, epoxy painted with zinc primer¹⁾

Mild steel, epoxy painted with zinc primer³⁾

304 (1.4301) stainless steel¹⁾

304 (1.4301) stainless steel³⁾

316 (1.4401) stainless steel¹⁾

316 (1.4401) stainless steel³⁾

7MH7102-

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Further designs

Please add **"-Z"** to Article No. and specify order code(s).

Stainless steel tag [69 x 38 mm (2.7 x 1.5 inch)], Measuring-point number/identification (max. 27 characters), specify in plain text.

Y15

Application Eng. reference number (max. 15 characters), specify in plain text.

Y31

Manufacturer's test certificate: According to EN 10204-2.2

C11

Inspection certificate type 3.1 per EN 10204⁴⁾

C12

Note: not available with cabinet construction option 1

Instruction manuals

• English

• German

Note: the operating instructions should be ordered as a separate item on the order.

All literature is available to download for free, in a range of languages, at

<http://www.siemens.com/processinstrumentation/documentation>

This device is shipped with the Siemens Level and Weighing manual DVD containing the complete operating instructions library.

Article No.

7ML1998-5CT02

7ML1998-5CT32

Additional instruction manuals

• Solids Flowmeter Application Guide, English

7ML1998-5GK01

• Solids Flowmeter Application Guide, German

7ML1998-5GK31

¹⁾ For versions 1 and 2 only

²⁾ For versions 1, 2 or 3

³⁾ For version 3 only

⁴⁾ Not available with cabinet construction options 1, 2, 3

Spare parts

40 TPH, mild steel flowguide

2 inch ASME	PBD:20377-111
4 inch ASME	PBD:20377-211
6 inch ASME	PBD:20377-311
8 inch ASME	PBD:20377-411
10 inch ASME	PBD:20377-511

40 TPH, mild steel-epoxy flowguide

2 inch ASME	PBD:20377-112
4 inch ASME	PBD:20377-212
6 inch ASME	PBD:20377-312
8 inch ASME	PBD:20377-412
10 inch ASME	PBD:20377-512

40 TPH, 304 (1.4301) stainless steel flowguide

2 inch ASME	PBD:20377-114
4 inch ASME	PBD:20377-214
6 inch ASME	PBD:20377-314
8 inch ASME	PBD:20377-414
10 inch ASME	PBD:20377-514

40 TPH, 316 (1.4401) stainless steel flowguide

2 inch ASME	PBD:20377-115
4 inch ASME	PBD:20377-215
6 inch ASME	PBD:20377-315
8 inch ASME	PBD:20377-415
10 inch ASME	PBD:20377-515

300 TPH, mild steel flowguide

6 inch ASME	PBD:20388-111
8 inch ASME	PBD:20388-211
10 inch ASME	PBD:20388-311
12 inch ASME	PBD:20388-411
14 inch ASME	PBD:20388-511
16 inch ASME	PBD:20388-611

300 TPH, mild steel-epoxy flowguide

6 inch ASME	PBD:20388-112
8 inch ASME	PBD:20388-212
10 inch ASME	PBD:20388-312
12 inch ASME	PBD:20388-412
14 inch ASME	PBD:20388-512
16 inch ASME	PBD:20388-612

300 TPH, 304 (1.4301) stainless steel flowguide

6 inch ASME	PBD:20388-114
8 inch ASME	PBD:20388-214
10 inch ASME	PBD:20388-314
12 inch ASME	PBD:20388-414
14 inch ASME	PBD:20388-514
16 inch ASME	PBD:20388-614

300 TPH, 316 (1.4401) stainless steel flowguide

6 inch ASME	PBD:20388-115
8 inch ASME	PBD:20388-215
10 inch ASME	PBD:20388-315
12 inch ASME	PBD:20388-415
14 inch ASME	PBD:20388-515
16 inch ASME	PBD:20388-615

40 TPH, mild steel flowguide

2 inch DIN	PBD:20377-121
4 inch DIN	PBD:20377-221
6 inch DIN	PBD:20377-321
8 inch DIN	PBD:20377-421
10 inch DIN	PBD:20377-521

40 TPH, mild steel-epoxy flowguide

2 inch DIN	PBD:20377-122
4 inch DIN	PBD:20377-222
6 inch DIN	PBD:20377-322
8 inch DIN	PBD:20377-422
10 inch DIN	PBD:20377-522

40 TPH, 304 (1.4301) stainless steel flowguide

2 inch DIN	PBD:20377-124
4 inch DIN	PBD:20377-224
6 inch DIN	PBD:20377-324
8 inch DIN	PBD:20377-424
10 inch DIN	PBD:20377-524

40 TPH, 316 (1.4401) stainless steel flowguide

2 inch DIN	PBD:20377-125
4 inch DIN	PBD:20377-225
6 inch DIN	PBD:20377-325
8 inch DIN	PBD:20377-425
10 inch DIN	PBD:20377-525

300 TPH, mild steel flowguide

6 inch DIN	PBD:20388-121
8 inch DIN	PBD:20388-221
10 inch DIN	PBD:20388-321
12 inch DIN	PBD:20388-421
14 inch DIN	PBD:20388-521
16 inch DIN	PBD:20388-621

300 TPH, mild steel-epoxy flowguide

6 inch DIN	PBD:20388-122
8 inch DIN	PBD:20388-222
10 inch DIN	PBD:20388-322
12 inch DIN	PBD:20388-422
14 inch DIN	PBD:20388-522
16 inch DIN	PBD:20388-622

Selection and ordering data

Article No.

300 TPH, 304 (1.4301) stainless steel flowguide

6 inch DIN	PBD:20388-124
8 inch DIN	PBD:20388-224
10 inch DIN	PBD:20388-324
12 inch DIN	PBD:20388-424
14 inch DIN	PBD:20388-524
16 inch DIN	PBD:20388-624

300 TPH, 316 (1.4401) stainless steel flowguide

6 inch DIN	PBD:20388-125
8 inch DIN	PBD:20388-225
10 inch DIN	PBD:20388-325
12 inch DIN	PBD:20388-425
14 inch DIN	PBD:20388-525
16 inch DIN	PBD:20388-625

Gasketing

40 TPH, gasket	PBD:22600493
300 TPH, gasket	PBD:22600494

SITRANS WF340

Compact vertical flow, low to medium-capacity solid flowmeters for various product sizes, densities, and fluidities, particularly fine powders. A sensing plate, sensing head and integrator are required to complete the system.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

Version

Base mount, 40 t/h (44 STPH) max. design capacity

Side mount, 40 t/h (44 STPH) max. design capacity

Base mount, 300 t/h (330 STPH) max. design capacity

Flowguide size

No flowguide (5 x 16 inch model)

3 x 6 inch (76 x 152 mm)¹⁾

4 x 10 inch (102 x 254 mm)¹⁾

5 x 12 inch (127 x 305 mm)¹⁾

5 x 16 inch (127 x 406 mm)²⁾

6 x 20 inch (152 x 508 mm)²⁾

No flowguide (WF340-300 6 x 20 inch model)

Flowguide construction

No flowguide

Mild steel, C5-M rated polyester painted

304 (1.4301) stainless steel¹⁾

304 (1.4301) stainless steel²⁾

316 (1.4401) stainless steel¹⁾

316 (1.4401) stainless steel²⁾

Mild steel, C5-M rated polyester painted with PTFE liner

Mild steel, C5-M rated polyester painted with abrasion resistant liner

304 (1.4301) stainless steel, with PTFE liner¹⁾

304 (1.4301) stainless steel, with PTFE liner²⁾

Mild steel, epoxy paint with zinc primer¹⁾

Mild steel, epoxy paint with zinc primer²⁾

Other flowguide materials available upon request

Cabinet construction

Mild steel, painted

304 (1.4301) stainless steel¹⁾

304 (1.4301) stainless steel²⁾

316 (1.4401) stainless steel¹⁾

316 (1.4401) stainless steel²⁾

Mild steel, epoxy paint with zinc primer¹⁾

Mild steel, epoxy paint with zinc primer²⁾

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Further designs

Please add **"-Z"** to article no. and specify order code(s).

Stainless steel tag [69 x 38 mm (2.7 x 1.5 inch)], Measuring-point number/identification (max 27 characters), specify in plain text.

Application Eng. reference number (max. 15 characters), specify in plain text.

Manufacturer's test certificate: According to EN 10204-2.2

Inspection certificate type 3.1 per EN 10204³⁾

Instruction manual

- English
- German

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Additional instruction manuals

- Solids Flowmeter Application Guidelines, English
- Solids Flowmeter Application Guidelines, German

Y15

Y31

C11

C12

Article No.

7ML1998-5CU02

7ML1998-5CU32

7ML1998-5GK01

7ML1998-5GK31

1) For versions 1 and 2 only

2) For version 3 only

3) Not available with cabinet construction option 1

Spare parts

40 TPH, mild steel flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, mild steel-epoxy flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, 304 (1.4301) stainless steel flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, 316 (1.4401) stainless steel flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, mild steel-PTFE flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, 304 (1.4301) stainless steel-PTFE flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

40 TPH, mild steel-AR flowguide

3 x 6 inch

4 x 10 inch

5 x 12 inch

300 TPH, mild steel flowguide

5 x 16 inch

6 x 20 inch

300 TPH, mild steel-epoxy flowguide

5 x 16 inch

6 x 20 inch

PBD:20401-100

PBD:20395-100

PBD:20405-100

PBD:20401-200

PBD:20395-200

PBD:20405-200

PBD:20401-300

PBD:20395-300

PBD:20405-300

PBD:20401-400

PBD:20395-400

PBD:20405-400

PBD:20401-500

PBD:20395-500

PBD:20405-500

PBD:20401-600

PBD:20395-600

PBD:20405-600

PBD:20401-700

PBD:20395-700

PBD:20405-700

PBD:20455-10

PBD:20458-10

PBD:20455-20

PBD:20458-20

300 TPH, 304 (1.4301) stainless steel flowguide

5 x 16 inch

6 x 20 inch

300 TPH, 304 (1.4301) stainless steel-PTFE flowguide

5 x 16 inch

6 x 20 inch

300 TPH, 316 (1.4401) stainless steel flowguide

5 x 16 inch

6 x 20 inch

300 TPH, mild steel-PTFE flowguide

5 x 16 inch

6 x 20 inch

300 TPH, mild steel-AR flowguide

5 x 16 inch

6 x 20 inch

Gasketing

40 TPH, gasket

300 TPH, gasket

- 5 x 16 inch

- 6 x 20 inch

PBD:20455-30

PBD:20458-30

PBD:20455-40

PBD:20458-40

PBD:20455-50

PBD:20458-50

PBD:20455-60

PBD:20458-60

PBD:20455-70

PBD:20458-70

PBD:22600495

PBD:45000969

PBD:45000970

Selection and ordering data

Article No.

Order Code

SITRANS WF350

Low to medium capacity flowmeters for powders conveyed by aerated gravity conveyors. A sensing plate, sensing head and integrator are required to complete the system.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

Version

40 t/h (44 STPH) maximum design capacity

300 t/h (330 STPH) maximum design capacity

Flowguide size

8 inch (203 mm), 40 t/h (0.2 to 44 STPH) version

10 inch (254 mm), 300 t/h

12 inch (305 mm), 40 t/h (0.2 to 44 STPH) version

14 inch (356 mm), 300 t/h

20 inch (508 mm), 300 t/h

Flowguide construction

Mild steel, C5-M rated polyester painted

304 (1.4301) stainless steel

316 (1.4401) stainless steel

Cabinet construction

Mild steel, C5-M rated polyester painted

304 (1.4301) stainless steel

316 (1.4401) stainless steel

Venting flange

ASME flange pattern

DIN flange pattern

7MH7106-



Further designs

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Inspection certificate type 3.1 per EN 10204 Not available with cabinet construction option 1

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Additional instruction manuals

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• Solids Flowmeter Application Guide, German

Spare parts

40 TPH, mild steel flowguide

8 inch

12 inch

40 TPH, 304 (1.4301) stainless steel flowguide

8 inch

12 inch

40 TPH, 316 (1.4401) stainless steel flowguide

8 inch

12 inch

300 TPH, mild steel flowguide

10 inch

14 inch

20 inch

300 TPH, 304 (1.4301) stainless steel flowguide

10 inch

14 inch

20 inch

40 TPH, 316 (1.4401) stainless steel flowguide

10 inch

14 inch

20 inch

Gasketing

40 TPH, gasket

300 TPH, gasket

Y15

Y31

C11

C12

Article No.

7ML1998-5CV02

7ML1998-5CV32

7ML1998-5GK01

7ML1998-5GK31

PBD:22520-1A0

PBD:22520-2A0

PBD:22520-1B0

PBD:22520-2B0

PBD:22520-1C0

PBD:22520-2C0

PBD:22519-1A0

PBD:22519-2A0

PBD:22519-3A0

PBD:22519-1B0

PBD:22519-2B0

PBD:22519-3B0

PBD:22519-1C0

PBD:22519-2C0

PBD:22519-3C0

PBD:45000972

PBD:45005013