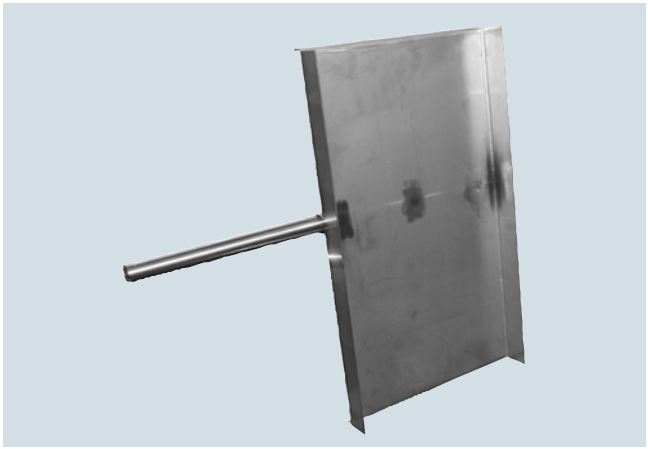
Overview



The sensing plate transfers the impact force to the sensing head of the flowmeter.

Selection and ordering data

	Article No.
SITRANS flowmeter sensing plates ↗ The sensing plate transfers the impact force to the sensing head of the flowmeter	**7MH7114-** ■■■■ **0**
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	
Version	
WF330, 40 t/h, base mount or side mount	**1**
WF340, 40 t/h, base mount or side mount	**3**
WF350, 40 t/h, base mount or side mount	**4**
WF330, 300 t/h	**5**
WF340, 300 t/h	**6**
WF350, 300 t/h	**7**
C-40	**8**
Plate size	
18 x 10 inch (457.2 x 254 mm), for version option 1 with 2, 4 or 6 inch (50.8, 101.6 or 152.4 mm) flowguide[1)]	**A**
20 x 12 inch (508 x 304.8 mm), for version option 1 with 8 inch (203.2 mm) flowguide[1)]	**B**
20 x 14 inch (508 x 355.6 mm), for version option 1 with 10 inch(254 mm) flowguide[1)]	**C**
22 x 12 inch (558.8 x 304.8 mm), for version option 5 with 6 or 8 inch (152.4 or 203.2 mm) flowguide[1)]	**D**
24 x 16 inch (609.6 x 406.4 mm), for version option 5 with 10 or 12 inch (254 or 304.8 mm) flowguide[1)]	**E**
24 x 20 inch (609.6 x 508 mm), for version option 5 with 14 or 16 inch (355.6 or 406.4 mm) flowguide[1)]	**F**
12 x 12 inch (304.8 x 304.8 mm), for version option 4 with 8 inch (203.2 mm) flowguide[2)]	**G**
16 x 14 inch (406.4 x 355.6 mm), for version option 4 with 12 inch (304.8 mm) flowguide[2)]	**H**
14 x 18 inch (355.6 x 457.2 mm), for version option 7 with 10 inch (254 mm) flowguide[2)]	**J**
18 x 20 inch (457.2 x 508 mm), for version option 7 with 14 inch (355.6 mm) flowguide[2)]	**K**

Selection and ordering data

	Article No.
SITRANS flowmeter sensing plates The sensing plate transfers the impact force to the sensing head of the flowmeter	**7MH7114-** ■■■■ **0**
24 x 22 inch (609.6 x 558.8 mm), for version option 7 with 20 inch (508 mm) flowguide[2)]	**L**
12 x 10 inch (304.8 x 254 mm), for version option 3 with 3 x 6 inch (76.2 x 152.4 mm) flowguide[3)]	**M**
14 x 14 inch (355.6 x 355.6 mm), for version option 3 with 4 x 10 inch (101.6 x 254 mm) flowguide[3)]	**N**
16 x 16 inch (406.4 x 406.4 mm), for version option 3 with 5 x 12 inch (127 x 304.8 mm) flowguide[3)]	**P**
18 x 20 inch (457.2 x 508 mm), for version option 6 with 5 x 16 inch (127 x 406.4 mm) flowguide[3)]	**Q**
20 x 24 inch (508 x 609.6 mm), for version option 6 with 6 x 20 inch (152.4 x 508 mm) flowguide[3)]	**R**
12 x 12 inch (304.8 x 304.8 mm), for C-40 with 6 inch (152.4 mm) flowguide[4)]	**S**
12 x 14 inch (304.8 x 355.6 mm), for C-40 with 10 inch (254 mm) flowguide[4)]	**T**
Plate material	
304 (1.4301) stainless steel[5)]	**A**
304 (1.4301) stainless steel[6)]	**B**
316 (1.4401) stainless steel[7)]	**C**
316 (1.4401) stainless steel[6)]	**D**
304 (1.4301) stainless steel, heavy-duty[7)]	**E**
304 (1.4301) stainless steel, heavy-duty[6)]	**F**
316 (1.4401) stainless steel, light-duty[8)]	**G**
316 (1.4401) stainless steel, heavy-duty[7)]	**H**
316 (1.4401) stainless steel, heavy-duty[6)]	**J**
Plate liner	
No liner	**1**
Polyurethane[7)]	**2**
Polyurethane[6) 9)]	**3**
PTFE[7)]	**4**
PTFE[6)]	**5**
Alumina ceramic tiles[7)]	**6**
Alumina ceramic tiles[6)]	**7**
Plasma A/R[7)]	**8**
Plasma A/R[6)]	**0**
Further designs Please add "**-Z**" to article no. and specify order code(s).	Order Code
Inspection certificate type 3.1 per EN 10204	**C12**
Instruction manuals	Article No.
• Solids Flowmeter Application Guidelines, English	**7ML1998-5GK01**
• Solids Flowmeter Application Guidelines, German	**7ML1998-5GK31**
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.	

1) See 7MH7102, page 6/19.
2) See 7MH7106, page 6/24.
3) See 7MH7104, page 6/22.
4) Available as spare part only.
5) Available with flowmeter version 1 ... 4 and 8 only.
6) Available with flowmeter version 5 ... 7 only.
7) Available with flowmeter version 1 ... 4 only.
8) Available with flowmeter version 1, 2 and 3 only.
9) Maximum material temperature: +85 °C (+185 °F).