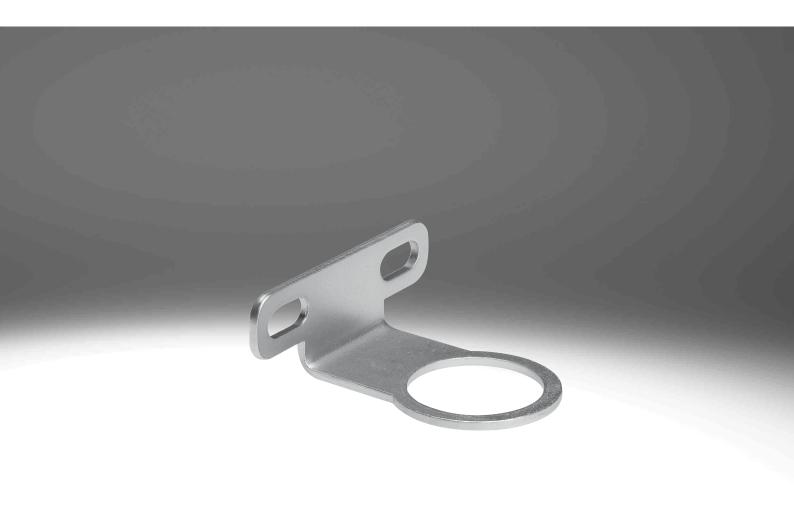
Accessories, MS series





Festo Core Range

Solves the majority of your automation tasks

Worldwide: Quickest delivery – wherever, whenever Simply good: Expected high Festo quality

Fast: Easy and fast to select

With the Festo Core Range, we have selected the most important products and functions from our broad product catalogue, and added the quickest delivery.

The Core Range offers you the best value for your automation tasks.



Accessories, MS series

Product range overview

| Туре | | Accessories for size | | | | | | | |
|------------------------------------|--------------------|----------------------|---------------|---------------|---------------|---------------|--|--|--|
| | | MS2 | MS4 | MS6 | MS9 | MS12 | | | |
| Mounting components for i | individual compone | nts | | | | | | | |
| Mounting bracket MS-WB | | - | ■ → 6 | ■ → 6 | - | - | | | |
| Mounting bracket MS-WBM | | - | ■ → 7 | - | - | - | | | |
| Mounting bracket MS-WR | | ■ → 4 | ■ → 8 | ■ → 8 | - | - | | | |
| Mounting bracket Basic MS-WR-B | | - | ■ → 8 | ■ → 8 | - | - | | | |
| Nut MS-WRS | 0 | ■ → 4 | - | - | - | - | | | |
| Plug screw MS-G18S | 90 | ■ → 5 | - | - | - | - | | | |
| Hex nut MS-WRS | | | ■ → 9 | ■ → 9 | - | - | | | |
| Mounting components for i | individual compone | nts/combinations | | | | | | | |
| Mounting bracket MS-WP | | - | ■ → 11 | ■ → 11 | ■ → 20 | ■ → 24 | | | |
| Mounting bracket MS-WPB | | - | ■ → 12 | ■ → 12 | ■ → 21 | - | | | |
| Mounting bracket MS-WPM | | - | ■ → 13 | ■ → 14 | ■ → 22 | - | | | |
| Mounting bracket MS-WPE | Top | - | ■ → 15 | ■ → 15 | - | - | | | |
| Mounting bracket Basic MS-WPE-B | Mar | - | ■ → 15 | ■ → 15 | - | - | | | |
| Wall mounting set MS-WPG | | - | - | ■ → 16 | - | - | | | |

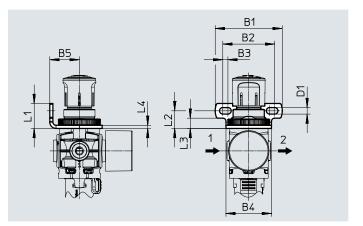
Product range overview

| Туре | | Accessories for size | | | | |
|--|---------|----------------------|---------------|---------------|-------------------|---------------|
| | | MS2 | MS4 | MS6 | MS9 | MS12 |
| Connector | | | | | | |
| Module connector MS-MV | | - | ■ → 17 | ■ → 17 | ■ → 23 | ■ → 25 |
| Module connector MS-MVM | | - | ■ → 18 | ■ → 18 | - | - |
| Module connector MS-RMV | | - | ■ → 27 | ■ → 27 | ■ → 33 | - |
| Module connector MS-AMV | | - | ■ → 28 | ■ → 28 | - | - |
| | | - | - | ■ → 30 | ■ → 30 | - |
| Module connector MS-ARMV | | - | - | ■ → 31 | ■ → 31, 34 | ■ → 34 |
| Adapter for mounting on p | rofiles | | | | | |
| Power supply modules MS-E-IPM-40-80 | | - | ■ → 36 | ■ → 36 | - | - |
| Power supply modules MS-E-IPM-80-80 | | - | ■ → 37 | ■ → 37 | - | - |
| Branching modules MS-A-IPM-80 | | - | ■ → 38 | ■ → 38 | - | - |
| Branching modules MS-A-RMV-IPM-80 | | - | ■ → 39 | ■ → 39 | - | - |
| Sealing rings MS-NNR | 0 | - | ■ → 40 | ■ → 40 | - | - |
| Blanking plates | | <u> </u> | | | | |
| Connecting plate set MS-AG/MS-AQ | 00 | - | ■ → 41 | ■ → 41 | ■ → 43 | ■ → 44 |
| Cover cap MS-END | | - | ■ → 42 | ■ → 42 | - | - |
| Mounting plate MS-AEND | | - | ■ → 42 | ■ → 42 | - | - |
| Covering kits | | 1 | | | 1 | |
| Covering kit MSRB-10 | | - | ■ → 45 | ■ → 45 | ■ → 45 | ■ → 45 |
| Safety components | | | | | | |
| Padlock LRVS-D | | - | ■ → 46 | ■ → 46 | ■ → 46 | ■ → 46 |

Mounting bracket MS2-WR-B

- For wall mounting
- For filter regulator, pressure regulator
- Knurled nut included in the scope of delivery





| Dimensions | | | | | | | |
|------------|----|-----|----|------|------|------|----|
| B1 | B2 | В3 | B4 | L1 | L2 | L3 | L4 |
| ±0.2 | | | | | | ±0.1 | |
| 43 | 30 | 3.3 | 19 | 30.4 | 25.7 | 4.2 | 2 |

| Materials | |
|--------------------|----------------|
| Mounting bracket | Steel |
| Note on materials: | RoHS-compliant |

| Ordering data | | | | |
|---------------|-------------------|--------|----------|----------|
| Size | CRC ¹⁾ | Weight | Part no. | Туре |
| | | [g] | | |
| MS2 | 1 | 13.8 | 8087978 | MS2-WR-B |

¹⁾ Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. Dry indoor application or transport and storage protection. Also applies to parts behind coverings, in the non-visible interior area, or parts that are covered in the application (e.g. drive trunnions).

Nut MS2-WRS

• For front panel mounting

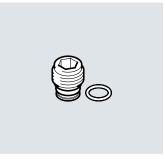


| Materials | | | | | | |
|--------------------|----------------|-------------------|-------------------|--------|----------|---------|
| Note on materials: | RoHS-compliant | | | | | |
| Ordering data | | | | | | |
| Size | | PWIS conformity | CRC ¹⁾ | Weight | Part no. | Туре |
| | | ŕ | | [g] | | ,, |
| MS2 | | VDMA24364-B1/B2-L | 1 | 0.7 | 8098037 | MS2-WRS |

¹⁾ Corrosion resistance class CRC 1 to Festo standard FN 940070

Low corrosion stress. Dry indoor application or transport and storage protection. Also applies to parts behind coverings, in the non-visible interior area, or parts that are covered in the application (e.g. drive trunnions).

Plug screw MS2-G18S



| Materials | | | | | | |
|--------------------|----------------|-------------------|-------------------|--------|----------|----------|
| Note on materials: | RoHS-compliant | | | | | |
| Ordering data | | | | | | |
| Size | | PWIS conformity | CRC ¹⁾ | Weight | Part no. | Туре |
| | | | | [g] | | |
| MS2 | · | VDMA24364-B1/B2-I | 1 | 4.6 | 8095766 | MS2-G18S |

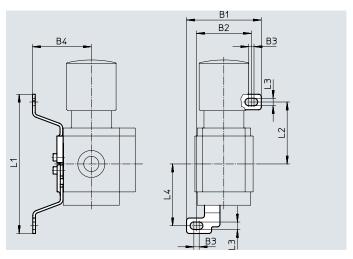
¹⁾ Corrosion resistance class CRC 1 to Festo standard FN 940070
Low corrosion stress. Dry indoor application or transport and storage protection. Also applies to parts behind coverings, in the non-visible interior area, or parts that are covered in the application (e.g. drive trunnions).

Mounting bracket MS4/6-WB

(order code: WB)

• For wall mounting





| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | | | |
|--------------------|-------------------------|--|--|
| Bracket | Steel | | |
| Screws | Steel | | |
| Note on materials: | RoHS-compliant | | |
| | Free of copper and PTFE | | |

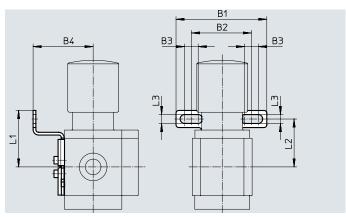
| Dimensions and | Dimensions and ordering data | | | | | | | | | | |
|----------------|------------------------------|------|-----|------|-------|------|-----|------|--------|-----------------|--------|
| Size | B1 | B2 | В3 | B4 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| | | | | | | | | | [g] | | |
| MS4 | 56.2 | 41.2 | 4 | 44.2 | 104.6 | 46.6 | 5.6 | 46.5 | 46 | ★ 532185 | MS4-WB |
| MS6 | 79.4 | 61.9 | 4.5 | 55 | 157.6 | 71 | 6.6 | 71 | 121 | ★ 532196 | MS6-WB |

Mounting bracket MS4-WBM

(order code: WBM)

• For wall mounting





| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

| Materials | | | | |
|--------------------|-------------------------|--|--|--|
| Bracket | Steel | | | |
| Screws | Steel | | | |
| Note on materials: | RoHS-compliant | | | |
| | Free of copper and PTFE | | | |

| Dimensions and | ordering data | | | | | | | | | |
|----------------|---------------|----|----|----|------|----|-----|---------------|----------|---------|
| Size | B1 | B2 | В3 | B4 | L1 | L2 | L3 | Weight [g] | Part no. | Туре |
| MS4 | 66.5 | 44 | 10 | 44 | 41.3 | 35 | 6.5 | 48 | 526062 | MS4-WBM |

Mounting bracket MS4/6-WR

(order code: WR)

- For wall mounting
- For filter regulator, pressure regulator

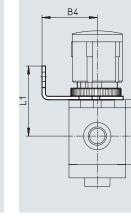


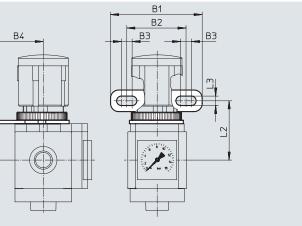
If a knurled nut is not included with the service unit component, a hex nut for mounting this bracket will need to be ordered separately.

Mounting bracket MS4/6-WR-B

- For wall mounting
- For filter regulator, pressure regulator
- Knurled nut included in the scope of delivery









| Operating and environmental conditions | | | | | | | | |
|--|------|---------|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | |

Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

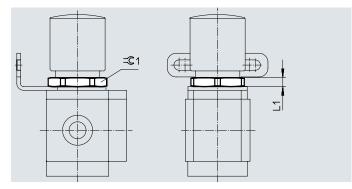
| Materials | |
|--------------------|-------------------------|
| Bracket | Steel |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|----|----|-----|----|----|----|-----|---------------|-----------------|----------|
| Size | B1 | B2 | В3 | B4 | L1 | L2 | L3 | Weight [g] | Part no. | Туре |
| Size 4 | | | | | | | | | | |
| For MS series | 68 | 44 | 8 | 40 | 52 | 44 | 7 | 49 | ★ 526064 | MS4-WR |
| For MS series, Basic version | | | | | | | | | 8149680 | MS4-WR-B |
| Size 6 | | | | | | | | | | |
| For MS series | 70 | 42 | 8.2 | 40 | 67 | 57 | 7.1 | 90 | ★ 526075 | MS6-WR |
| For MS series, Basic version | | | | | | | | | 8149681 | MS6-WR-B |

Hex nut MS4/6-WRS

- For front panel mounting
- For attaching the mounting bracket MS...-WR





| Operating and environmental conditions | | | | | | | | | |
|--|------|---------|--|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Nut | Wrought aluminium alloy |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | ordering data | | | | |
|----------------|---------------|------|---------------|----------|---------|
| Size | L1 | =\$1 | Weight [g] | Part no. | Туре |
| MS4 | 6 | 36 | 6.9 | 532187 | MS4-WRS |
| MS6 | 7 | 55 | 20.9 | 532188 | MS6-WRS |

Mounting bracket MS4/6-WP...

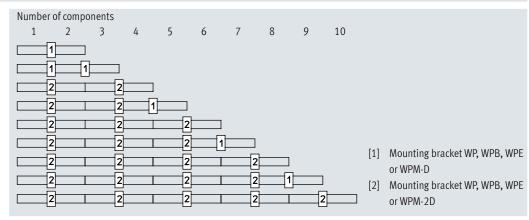
Spacing for mounting service unit combinations

Size MS4

- 1 service unit component with MS4-WP...: 40.2 mm (20.1 mm)¹⁾
- 2 service unit components with MS4-WP...: 80.4 mm (40.2 mm)¹⁾

Size MS6

- 1 service unit component with
 - MS6-WP/WPB/WPE: 62 mm (31 mm)¹⁾
 - MS6-WPM-D: 69 mm (38 mm)¹⁾
- 2 service unit components with
 - MS6-WP/WPB/WPE: 124 mm (62 mm)¹⁾
 - MS6-WPM-2D: 138 mm (76 mm)¹⁾

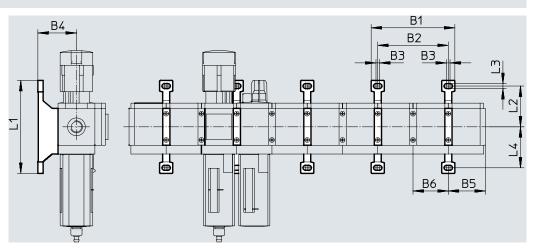


1) With distributor block MS-FRM-FRZ

Mounting dimensions



The distributor block MS4/6-FRM-FRZ has half the normal grid dimension.



| | compone | ce unit ents with nension | nent with § | init compo- grid dimen- distributor -FRM-FRZ | blo | ributor ocks RM-FRZ | | | compon | Service unit Distributor block component with MS-FRM-FRZ grid dimension | | | | | | |
|-------------|---------|---------------------------------|-------------|---|------|---------------------------|------|------|------------------|---|------------------|------|------|------|-----|------|
| Туре | B1 | B2 | B1 | B2 | B1 | B2 | В3 | B4 | B5 ¹⁾ | В6 | B5 ¹⁾ | В6 | L1 | L2 | L3 | L4 |
| MS4-WP | | | | | | | | 44 | | | | | 106 | 46.5 | | 46.7 |
| MS4-WPB/WPE | 95.4 | 80.4 | 75.3 | 60.3 | 55.2 | 40.2 | 4 | 66 | 41.9 | 40.2 | 21.8 | 20.1 | 100 | 40.5 | 5.6 | 40.7 |
| MS4-WPMD | | | | | | | | 44 | | | | | 92.8 | 34.8 | | 45.2 |
| MS6-WP | 141 | 124 | 110 | 93 | 79 | 62 | 4.5 | 54.1 | 64.5 | 62 | 33.5 | 31 | 158 | 71 | | 71 |
| MS6-WPB/WPE |] 141 | 124 | 110 | 73 | '9 | 02 | 4.5 | 90.5 | 04.5 | 02 |))))) | 1 1 | 130 | / 1 | 6.6 | '1 |
| MS6-WPMD | 168 | 138 | 137 | 107 | 106 | 76 | 17.5 | 54.1 | 68 | 69 | 37 | 38 | 98.6 | 41.3 | | 41.3 |

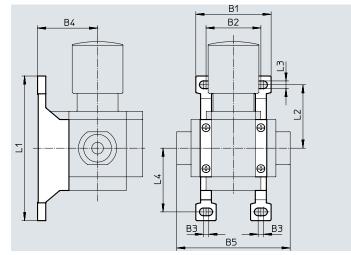
1) With cover cap MS-END as accessory

Mounting bracket MS4/6-WP

(order code: WP)

- For connecting the modules for wall mounting
- In combination with connecting plate MS4/6-AG... for wall mounting an individual component
- In combination with mounting plate MS4/6-AEND for wall mounting an individual component
- For pressure regulator LRB with angled outlet block B... at the rear
- Same wall gap for combinations of series MS4 and MS6





| Operating and environmental conditions | | | | | | | | |
|--|------|---------|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------------|
| Bracket | Die-cast aluminium |
| Module connector | POM, steel |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant RoHS-compliant |
| | Free of copper and PTFE |

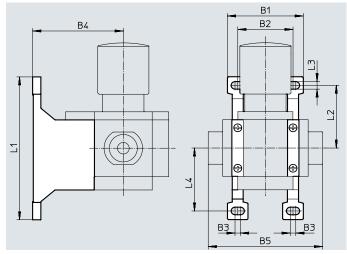
| Dimensions an | d ordering da | ta | | | | | | | | | | |
|-----------------|----------------|--------------|------------|------|------|-----|------|-----|------|---------------|-----------------|-----------|
| Size | B1 | B2 | В3 | B4 | B5 | L1 | L2 | L3 | L4 | Weight [g] | Part no. | Туре |
| MS4 | 55.2 | 40.2 | 4 | 44 | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 39 | ★ 532184 | MS4-WP |
| MS6 | 79 | 62 | 4.5 | 54.1 | 115 | 158 | 71 | 6.6 | 71 | 76 | ★ 532195 | MS6-WP |
| For use in pote | ntially explos | ive areas in | zones 2 an | d 22 | | | | | | | | |
| MS4 | 55.2 | 40.2 | 4 | 44 | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 39 | 541554 | MS4-WP-EX |
| MS6 | 79 | 62 | 4.5 | 54.1 | 115 | 158 | 71 | 6.6 | 71 | 76 | 541544 | MS6-WP-EX |

Mounting bracket MS4/6-WPB

(order code: WPB)

- For connecting the modules for wall mounting
- In combination with connecting plate MS4/6-AG... for wall mounting an individual component
- In combination with mounting plate MS4/6-AEND for wall mounting an individual component
- Provides large wall gap for pressure regulator





| Operating and environmental con | Operating and environmental conditions | | | | | | | | |
|--|--|---------|--|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | POM, steel |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|-------------------|--|------|-----|------|------|-----|------|-----|------|--------|-----------------|------------|--|
| Size | B1 | B2 | В3 | В4 | B5 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре | |
| | | | | | | | | | | [g] | | | |
| MS4 | 55.2 | 40.2 | 4 | 66 | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 55 | ★ 526063 | MS4-WPB | |
| MS6 | 79 | 62 | 4.5 | 90.5 | 115 | 158 | 71 | 6.6 | 71 | 115 | ★ 526074 | MS6-WPB | |
| For use in potent | For use in potentially explosive areas in zones 2 and 22 | | | | | | | | | | | | |
| MS4 | 55.2 | 40.2 | 4 | 66 | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 55 | 541552 | MS4-WPB-EX | |
| MS6 | 79 | 62 | 4.5 | 90.5 | 115 | 158 | 71 | 6.6 | 71 | 115 | 541542 | MS6-WPB-EX | |

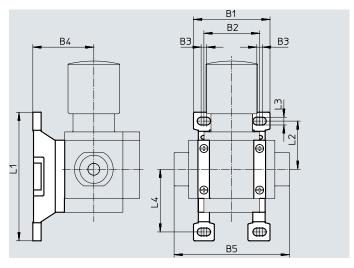
Mounting bracket MS4-WPM

(order code: WPM)

- For connecting the modules for wall mounting
- In combination with connecting plate MS4-AG... for wall mounting an individual component
- Quick to mount and dismount
- For installing modules with control knob pointing downwards

The distance piece D or 2D included in the scope of delivery ensures the mounting spacing is maintained.





| Operating and environmental conditions | | | | | | | | | | | |
|--|------|---------|--|--|--|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | Materials | | | | | | | | | | |
|--------------------|-------------------------|--|--|--|--|--|--|--|--|--|--|
| Bracket | Die-cast aluminium | | | | | | | | | | |
| Module connector | POM, steel | | | | | | | | | | |
| Screws | Steel | | | | | | | | | | |
| Seals | NBR | | | | | | | | | | |
| Note on materials: | RoHS-compliant | | | | | | | | | | |
| | Free of copper and PTFE | | | | | | | | | | |

| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|----------------|------------------------------|------|----|-----|-------|------|------|-----|------|------------------|---------------|-----------------|------------|
| Size | B1 | B2 | В3 | B4 | B5 | L1 | L2 | L3 | L4 | Mounting spacing | Weight [g] | Part no. | Туре |
| MS4 | 55.2 | 40.2 | 4 | 4.4 | 83.4 | 92.8 | 34.8 | Е 4 | 45.2 | 40.2 | 45 | ★ 526060 | MS4-WPM-D |
| | 95.4 | 80.4 | 4 | 44 | 123.4 | 92.0 | 34.0 | 5.6 | 45.2 | 80.4 | 55 | 526061 | MS4-WPM-2D |

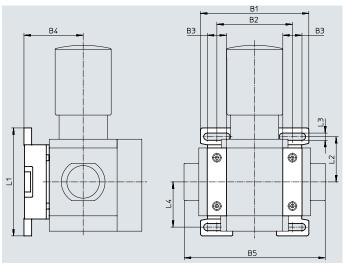
Mounting bracket MS6-WPM

(order code: WPM)

- For connecting the modules for wall mounting
- In combination with connecting plate MS6-AG... for wall mounting an individual component
- Quick to mount and dismount
- For installing modules with control knob pointing downwards

The distance piece D or 2D included in the scope of delivery ensures the mounting spacing is maintained.





| Operating and environmental conditions | | | | | | | | | | | |
|--|------|---------|--|--|--|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

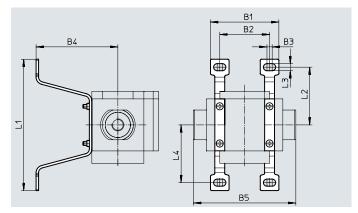
| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|----------------|------------------------------|-----|------|-------|-----|------|------|-----|------|------------------|---------------|-----------------|------------|
| Size | B1 | B2 | B3 | B4 | B5 | L1 | L2 | L3 | L4 | Mounting spacing | Weight [g] | Part no. | Туре |
| MS6 | 99 | 69 | 17.5 | E / 1 | 129 | 98.6 | 41.3 | 6.6 | 41.3 | 69 | 144 | ★ 526073 | MS6-WPM-D |
| | 168 | 138 | 17.5 | 54.1 | 198 | 90.0 | 41.5 | 6.6 | 41.5 | 138 | 154 | 532186 | MS6-WPM-2D |

Mounting bracket MS4/6-WPE

• Inexpensive alternative to mounting bracket MS4/6-WP/-WPB

Note on materials: RoHS-compliant





| Dimensions and ordering data | | | | | | | | | | | | | |
|------------------------------|------|------|-----|------|-------|-----|------|-----|------|-------------------|--------|----------|-----------|
| | B1 | B2 | В3 | B4 | B5 | L1 | L2 | L3 | L4 | CRC ¹⁾ | Weight | Part no. | Туре |
| | | | | | | | | | | | [g] | | |
| Size 4 | | | | | | | | | | | | | |
| For MS series | 55.2 | 40.2 | 4.2 | 66 | 83.4 | 106 | 46.6 | 5.7 | 46.6 | 2 | 42 | 558869 | MS4-WPE |
| For MS series, Basic version | 55.2 | 40.2 | 5 | 44.4 | 83.3 | 106 | 46.6 | 5.7 | 46.6 | 2 | 30 | 8118600 | MS4-WPE-B |
| Size 6 | | | | | | | | | | | | | |
| For MS series | 79 | 62 | 4.3 | 90.5 | 115 | 158 | 71 | 6.5 | 71 | 2 | 78 | 1025936 | MS6-WPE |
| For MS series, Basic version | 79 | 62 | 4.3 | 53.9 | 114.9 | 158 | 71 | 6.5 | 71 | 2 | 58 | 8118599 | MS6-WPE-B |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

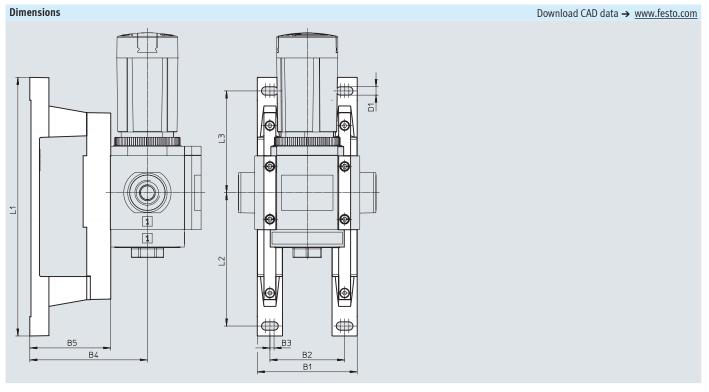
Wall mounting set MS6-WPG

- For connecting the modules for wall mounting
- Same wall gap for combinations of series MS6 and MSE6



| Operating and environmental conditions | Operating and environmental conditions | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Temperature of medium [°C] | -10 +60 | | | | | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | 2 | | | | | | | | | | | |

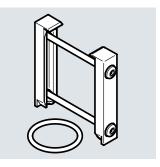
| Materials | |
|-------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | POM, steel |
| Screws | Steel |
| Seals | NBR |
| Note on materials | RoHS-compliant |
| | Free of copper and PTFE |



| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|----------------|------------------------------|----|-----|----|----|----|-----|-----|----|--------|----------|---------|--|
| Size | B1 | B2 | В3 | B4 | B5 | D1 | L1 | L2 | L3 | Weight | Part no. | Туре | |
| | | | | | | | | | | [g] | | | |
| MS6 | 84 | 62 | 3.5 | 99 | 68 | 7 | 217 | 111 | 86 | 245 | 8072794 | MS6-WPG | |

Module connector MS4/6-MV

• For connecting the modules



| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Module connector | POM, steel |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Ordering data | | | |
|--|--------|----------|-----------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS4 | 13 | 8119201 | MS4-MV1 |
| MS6 | 13 | 8119204 | MS6-MV1 |
| For use in potentially explosive areas in zones 2 and 22 | | | |
| MS4 | 36 | 541553 | MS4-MV-EX |
| MS6 | 54 | 541543 | MS6-MV-EX |

Module connector MS4/6-MVM

• For installing modules with control knob pointing downwards





| Operating and environmental conditions | | | | | | |
|--|------|---------|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | | | |
|--------------------|-------------------------|--------------------|--|
| Size | MS4 | MS6 | |
| Module connector | POM, steel | Die-cast aluminium | |
| Plate | Die-cast aluminium | | |
| Screws | Steel | | |
| Seals | NBR | | |
| Note on materials: | RoHS-compliant | | |
| | Free of copper and PTFE | | |

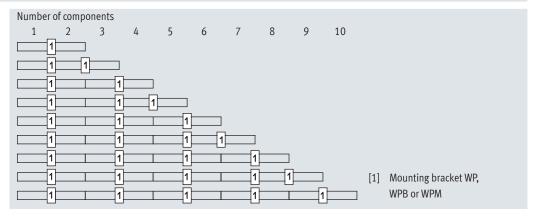
| Ordering data | | | |
|---------------|--------|-----------------|---------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS4 | 19 | ★ 532800 | MS4-MVM |
| MS6 | 89 | ★ 532801 | MS6-MVM |

Mounting bracket MS9-WP...

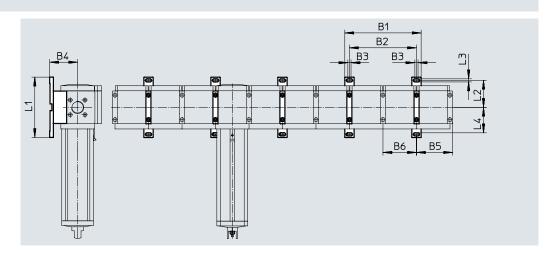
Spacing for mounting service unit combinations

1 service unit component: 90 mm

2 service unit components: 180 mm



Mounting dimensions



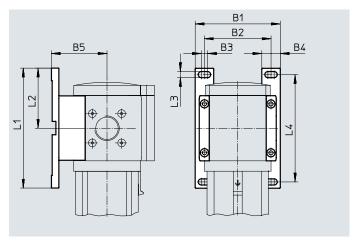
| Туре | B1 | B2 | В3 | B4 | B5 | В6 | L1 | L2 | L3 | L4 |
|---------|-----|-----|-----|------|----|----|-----|-------|-----|-------|
| MS9-WP | | | | 75 | | | | | | |
| MS9-WPB | 205 | 180 | 8.5 | 99 | 97 | 90 | 162 | 72.75 | 8.3 | 72.25 |
| MS9-WPM | | | | 90.5 | | | | | | |

Mounting bracket MS9-WP

(order code: WP)

- For connecting the modules for wall mounting
- In combination with connecting plate MS9-AG... for wall mounting an individual component





| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | ordering da | ta | | | | | | | | | | |
|----------------|-------------|----|-----|----|----|-----|-------|-----|-----|---------------|----------|--------|
| Size | B1 | B2 | В3 | B4 | B5 | L1 | L2 | L3 | L4 | Weight [g] | Part no. | Туре |
| MS9 | 115 | 90 | 8.5 | 25 | 75 | 162 | 81.25 | 8.3 | 145 | 180 | 552947 | MS9-WP |



The screws for the wall bracket are partially covered on the rear by the housing of the on/off valves MS9-EM or MS9-EE.

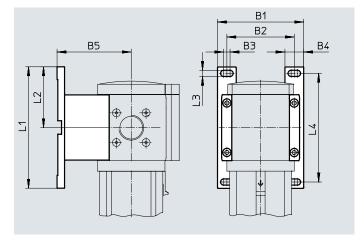
Depending on the configuration of a service unit combination, the screws will no longer be accessible. The mounting bracket MS9-WPM is therefore recommended for wall mounting.

Mounting bracket MS9-WPB

(order code: WPB)

- For connecting the modules for wall mounting
- In combination with connecting plate MS9-AG... for wall mounting an individual component
- Same wall gap for combination with MS12 series using the mounting bracket MS12-WP





| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

1) Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and ordering data | | | | | | | | | | | | |
|------------------------------|-----|----|-----|----|----|-----|-------|-----|-----|---------------|----------|---------|
| Size | B1 | B2 | В3 | B4 | B5 | L1 | L2 | L3 | L4 | Weight [g] | Part no. | Туре |
| MS9 | 115 | 90 | 8.5 | 25 | 99 | 162 | 81.25 | 8.3 | 145 | 210 | 552949 | MS9-WPB |



The screws for the wall bracket are partially covered on the rear by the housing of the on/off valves MS9-EM or MS9-EE.

Depending on the configuration of a service unit combination, the screws will no longer be accessible. The mounting bracket MS9-WPM is therefore recommended for wall mounting.

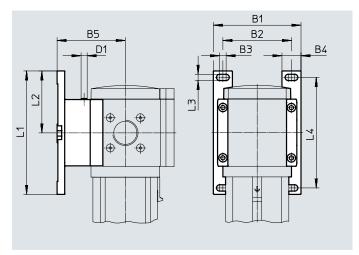
Mounting bracket MS9-WPM

(order code: WPM)

- For connecting the modules for wall mounting
- In combination with connecting plate MS9-AG... for wall mounting an individual component
- Quick to mount and dismount
- Same wall gap for combination with MS6 series using the mounting bracket MS6-WPB

The distance pieces included in the scope of delivery ensure the mounting spacing is maintained.





| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|----------------|------------------------------|----|-----|----|------|----|-----|------|-----|-----|---------------|----------|---------|
| Size | B1 | B2 | В3 | B4 | B5 | D1 | L1 | L2 | L3 | L4 | Weight [g] | Part no. | Туре |
| MS9 | 115 | 90 | 8.5 | 25 | 90.5 | M8 | 162 | 81.3 | 8.3 | 145 | 220 | 552948 | MS9-WPM |

Module connector MS9-MV

• For connecting the modules



| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

| Materials | |
|--------------------|-------------------------|
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

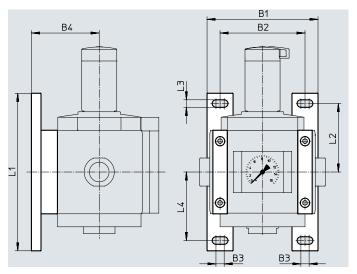
| Ordering data | | | |
|---------------|--------|----------|--------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS9 | 110 | 552950 | MS9-MV |

Mounting bracket MS12-WP

(order code: WP)

- For connecting the modules for wall mounting
- In combination with connecting plate for wall mounting an individual component





| Operating and environmental conditions | | | | | | |
|--|------|---------|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | |
| Storage temperature | [°C] | -10 +60 | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Bracket | Die-cast aluminium |
| Plate | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | ordering data | ı | | | | | | | | | |
|----------------|---------------|-----|----|----|-----|-----|----|-----|---------------|----------|---------|
| Size | B1 | B2 | В3 | B4 | L1 | L2 | L3 | L4 | Weight [g] | Part no. | Туре |
| MS12 | 162 | 124 | 12 | 99 | 230 | 100 | 11 | 100 | 700 | 537133 | MS12-WP |

Module connector MS12-MV

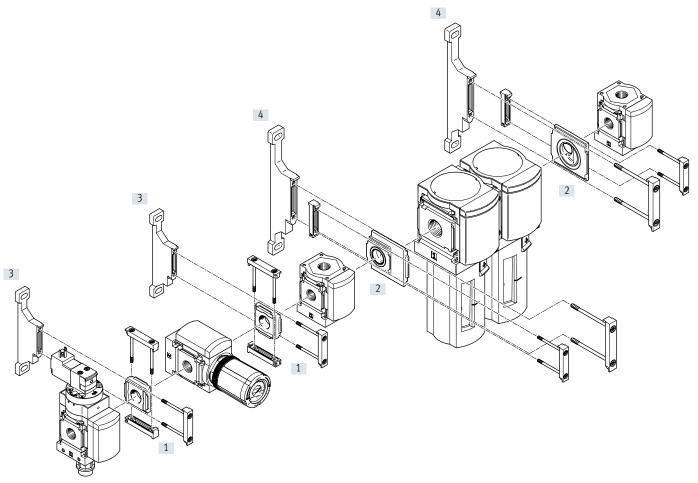
• For connecting the modules



| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Storage temperature | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

| Materials | |
|--------------------|-------------------------|
| Plate | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Ordering data | | | |
|---------------|--------|----------|---------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS12 | 500 | 537134 | MS12-MV |



| Mount | Mounting components | | | | | |
|-------|----------------------------|-----------------|--|--|--|--|
| | | → Page/Internet | | | | |
| [1] | Module connector MS4/6-RMV | 27 | | | | |
| [2] | Module connector MS4-6-AMV | 28 | | | | |
| [3] | Mounting bracket MS4-WP | 11 | | | | |
| [4] | Mounting bracket MS6-WP | 11 | | | | |

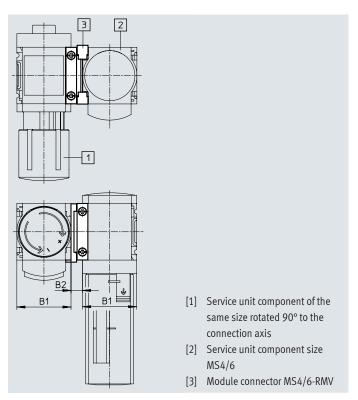
- Note

Mounting components for wall mounting → page 10

Module connector MS4/6-RMV

• For connecting service unit components rotated 90° to the connection axis





| Operating and environmental conditions | | | | | | |
|--|------|---------|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | |

| Materials | |
|--------------------|--------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Sealing ring | NBR |
| Note on materials: | RoHS-compliant |

| Dimensions and | Dimensions and ordering data | | | | | | |
|--|------------------------------|-----|--------|----------------|------------|--|--|
| Size | B1 | B2 | Weight | Part no. | Туре | | |
| | | | [g] | | | | |
| MS4 | 40.2 | 8.5 | 42 | 543490 | MS4-RMV | | |
| MS6 | 62 | 11 | 112 | 543491 MS6-RMV | | | |
| For use in potentially explosive areas in zones 2 and 22 | | | | | | | |
| MS4 | 40.2 | 8.5 | 42 | 563393 | MS4-RMV-EX | | |
| MS6 | 62 | 11 | 112 | 563394 | MS6-RMV-EX | | |

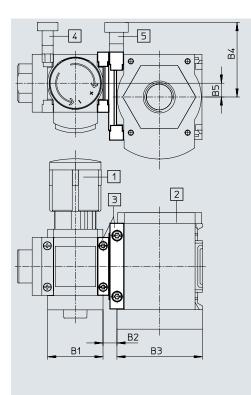
Module connector MS4-6-AMV

• For connecting MS4 and MS6 components into one unit



The larger mounting bracket should always be used on the module connector. The mounting bracket must be ordered separately.





- [1] Service unit component size MS4
- [2] Service unit component size MS6
- [3] Module connector MS4-6-AMV
- [4] Mounting bracket MS4-WP
- [5] Mounting bracket MS6-WP

| Operating and environmental conditions | | | | | | |
|--|------|---------|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | |

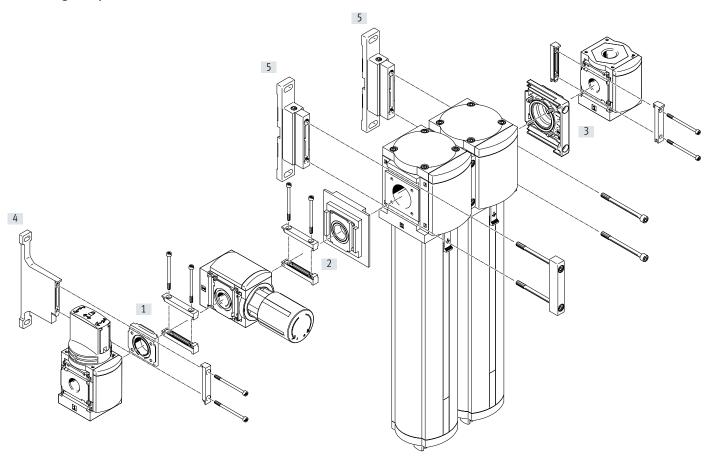
¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

→ Internet: www.festo.com/catalogue/...

| Materials | |
|--------------------|--------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Sealing ring | NBR |
| Note on materials: | RoHS-compliant |

| Dimensions and ordering data | | | | | | | | |
|--|------|----|----|------|----|---------------|----------|--------------|
| Size | B1 | B2 | В3 | B4 | B5 | Weight [g] | Part no. | Туре |
| MS4/6 | 40.2 | 10 | 62 | 54.1 | 10 | 77 | 543489 | MS4-6-AMV |
| For use in potentially explosive areas in zones 2 and 22 | | | | | | | | |
| MS4/6 | 40.2 | 10 | 62 | 54.1 | 10 | 77 | 563392 | MS4-6-AMV-EX |



| Moun | Mounting components | | | | | |
|------|---------------------|-----------------|--|--|--|--|
| | | → Page/Internet | | | | |
| [1] | Module connector | 27 | | | | |
| | MS6-RMV | | | | | |
| [2] | Module connector | 31 | | | | |
| | MS6-9-ARMV | | | | | |
| [3] | Module connector | 30 | | | | |
| | MS6-9-AMV | | | | | |
| [4] | Mounting bracket | 12 | | | | |
| | MS6-WPB | | | | | |
| [5] | Mounting bracket | 22 | | | | |
| | MS9-WPM | | | | | |



Note

Same wall gap when using mounting brackets MS6-WPB and MS9-WPM within an MS6/9 combination.

Module connector MS6/MS9

Module connector MS6-9-AMV

- For connecting MS6 and MS9 components into one unit
- Mounting with mounting bracket possible

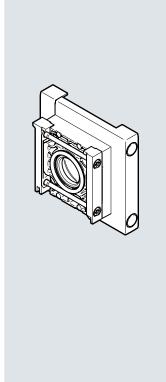


The larger mounting bracket should always be used on the module connector. The mounting bracket must be ordered separately.

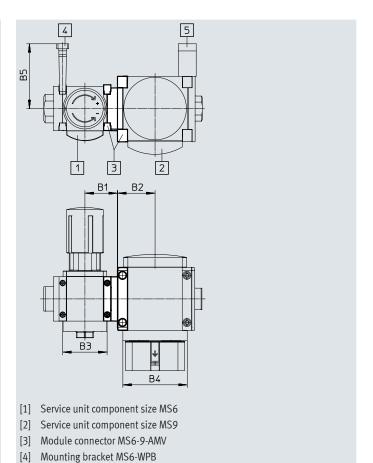
Operating and environmental conditions

Temperature of medium

Corrosion resistance class CRC1)



-10 ... +60



- [5] Mounting bracket MS9-WPM
- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070

 Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| I | Free of copper and PTFE |

| Dimensions and | Dimensions and ordering data | | | | | | | |
|-------------------|---|------|----|----|------|---------------|----------|--------------|
| Size | B1 | B2 | В3 | B4 | B5 | Weight [g] | Part no. | Туре |
| MS6/9 | 45.5 | 52.5 | 62 | 90 | 90.5 | 220 | 3426895 | MS6-9-AMV |
| For use in potent | For use in potentially explosive areas in zones 1, 2, 21 and 22 | | | | | | | |
| MS6/9 | 45.5 | 52.5 | 62 | 90 | 90.5 | 220 | 3433264 | MS6-9-AMV-EX |

Module connector MS6/MS9

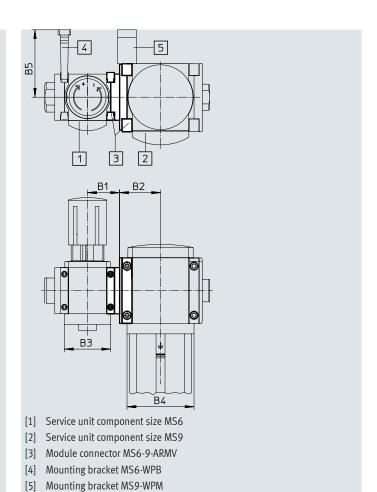
Module connector MS6-9-ARMV

- For connecting MS6 and MS9 components into one unit
- Rotating a service unit component 90° to the connection axis possible



The larger mounting bracket should always be used on the module connector. The mounting bracket must be ordered separately.

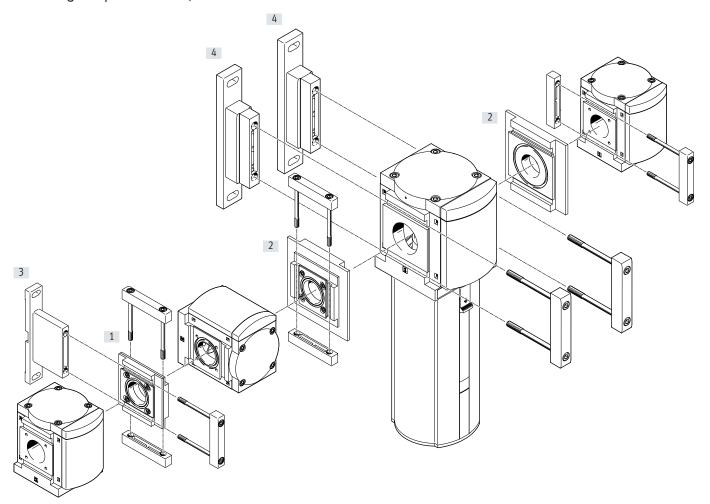




| Operating and environmental conditions | | | | | | |
|--|---------|--|--|--|--|--|
| Temperature of medium [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | 2 | | | | | |

| Materials | |
|--------------------|-------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | Dimensions and ordering data | | | | | | | | | | |
|-------------------|---|----|----|----|------|---------------|----------|---------------|--|--|--|
| Size | B1 | B2 | В3 | B4 | B5 | Weight [g] | Part no. | Туре | | | |
| MS6/9 | 43 | 55 | 62 | 90 | 90.5 | 350 | 552951 | MS6-9-ARMV | | | |
| For use in potent | For use in potentially explosive areas in zones 1, 2, 21 and 22 | | | | | | | | | | |
| MS6/9 | 43 | 55 | 62 | 90 | 90.5 | 350 | 1758175 | MS6-9-ARMV-EX | | | |

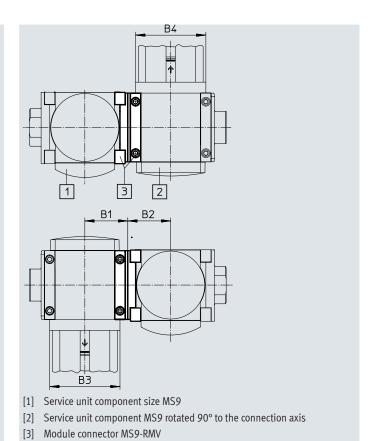


| Mour | Mounting components | | | | | | | |
|------|---------------------------------|-----------------|--|--|--|--|--|--|
| | | → Page/Internet | | | | | | |
| [1] | Module connector MS9-RMV | 33 | | | | | | |
| [2] | Module connector MS9-12-ARMV | 34 | | | | | | |
| [3] | Mounting bracket MS9-WPB | 21 | | | | | | |
| [4] | Mounting bracket MS12-WP | 24 | | | | | | |

Module connector MS9-RMV

• For connecting service unit components rotated 90° to the connection axis





| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

| Materials | |
|--------------------|-------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|----|----|----|----|---------------|----------|---------|--|--|--|
| Size | B1 | B2 | B3 | B4 | Weight [g] | Part no. | Туре | | | |
| MS9 | 55 | 55 | 90 | 90 | 920 | 552952 | MS9-RMV | | | |

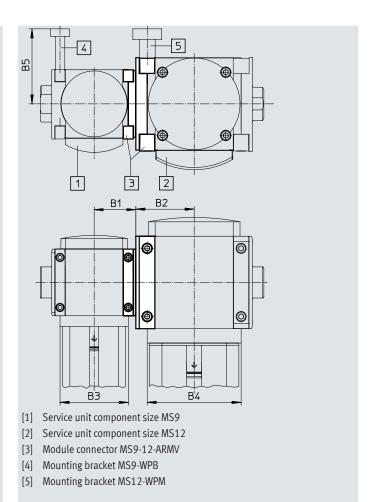
Module connector MS9-12-ARMV

- For connecting MS9 and MS12 components into one unit
- Rotating a service unit component 90° to the connection axis possible



The larger mounting bracket should always be used on the module connector. The mounting bracket must be ordered separately.

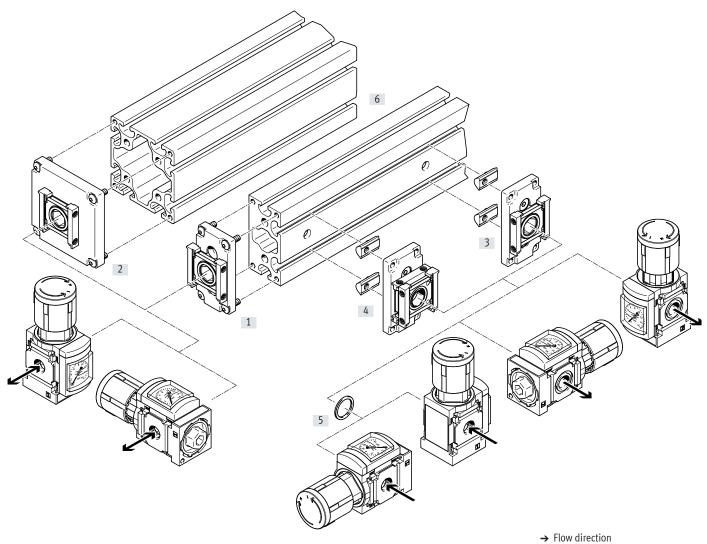




| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

| Materials | |
|--------------------|-------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|----|----|----|-----|----|--------|----------|-------------|--|--|
| Size | B1 | B2 | В3 | B4 | B5 | Weight | Part no. | Туре | | |
| | | | | | | [g] | | | | |
| MS9/12 | 55 | 77 | 90 | 124 | 99 | 990 | 552953 | MS9-12-ARMV | | |



| Moun | nting components | |
|------|--|-----------------|
| | | → Page/Internet |
| [1] | Power supply module | 36 |
| | MS4/6-E-IPM-40-80 | |
| [2] | Power supply module | 37 |
| | MS4/6-E-IPM-80-80 | |
| [3] | Branching module | 38 |
| | MS4/6-A-IPM-80 | |
| [4] | Branching module | 39 |
| | MS4/6-A-RMV-IPM-80 | |
| [5] | Sealing ring | 40 |
| | MS4/6-NNR | |
| [6] | Profile 40x80/80x80, closing plate, supply plate | On request |



Note

Additional mounting components are required for mounting a service unit combination → page 10

Power supply module MS4/6-E-IPM-40-80

- For mounting a service unit component on the end face of a profile of size 40x80
- Module connector can be rotated 90° for horizontal mounting of the service unit component

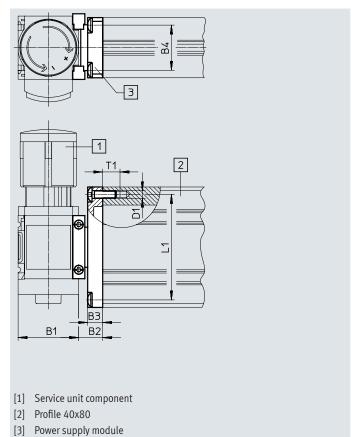
Operating and environmental conditions

Temperature of medium

Corrosion resistance class CRC1)



-10 ... +60



- [5] Tower supply installe
- 1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

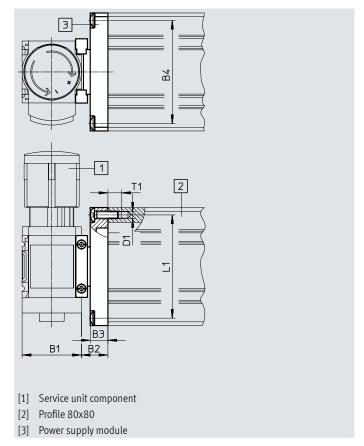
| Materials | |
|--------------------|--------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |

| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|------|----|----|---------|----|---------|------|--------|----------|-----------------|
| Size | B1 | B2 | В3 | B4 | D1 | L1 | T1 | Weight | Part no. | Туре |
| | | | | | | | | [g] | | |
| MS4 | 40.2 | 16 | 10 | 30 ±0.2 | M5 | 70 ±0.2 | 11.5 | 109 | 543494 | MS4-E-IPM-40-80 |
| MS6 | 62 | 16 | 10 | 30 ±0.2 | M5 | 70 ±0.2 | 11.5 | 141 | 543496 | MS6-E-IPM-40-80 |

Power supply module MS4/6-E-IPM-80-80

- For mounting a service unit component on the end face of a profile of size 80x80
- Module connector can be rotated 90° for horizontal mounting of the service unit component





| Operating and environmental conditions | | | | | |
|--|-----|---------|--|--|--|
| Temperature of medium [o | °C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

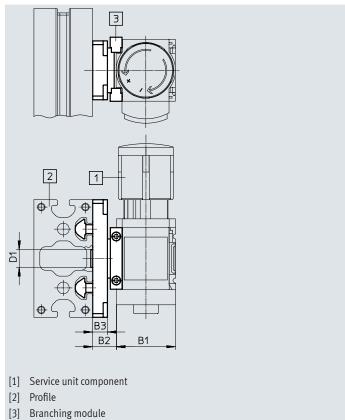
| Materials | |
|--------------------|--------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |

| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|------|----|----|---------|----|---------|-----|---------------|----------|-----------------|
| Size | B1 | B2 | В3 | B4 | D1 | L1 | T1 | Weight [g] | Part no. | Туре |
| MS4 | 40.2 | 18 | 12 | 70 ±0.2 | M5 | 70 ±0.2 | 9.3 | 186 | 543495 | MS4-E-IPM-80-80 |
| MS6 | 62 | 18 | 12 | 70 ±0.2 | M5 | 70 ±0.2 | 9.3 | 218 | 543497 | MS6-E-IPM-80-80 |

Branching module MS4/6-A-IPM-80

- For mounting a service unit component on the longitudinal side of a profile
- Module connector can be rotated 90° for horizontal mounting of the service unit component





| Operating and environmental conditions | | | | | | |
|--|---------|--|--|--|--|--|
| Temperature of medium [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | 2 | | | | | |

| Materials | |
|--------------------|-------------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant RoHS-compliant |

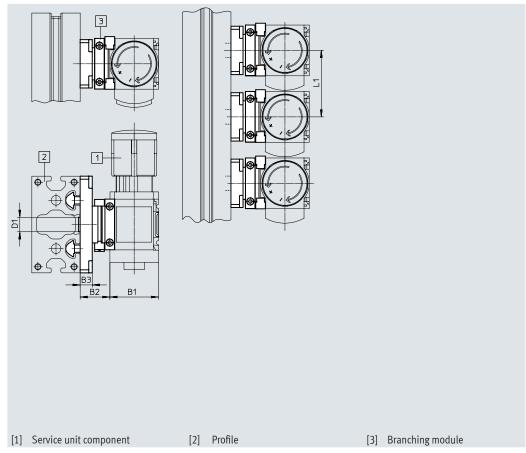
| Dimensions and ordering data | | | | | | | | | |
|------------------------------|------|----|----|-----------|--------|----------|--------------|--|--|
| Size | B1 | B2 | В3 | D1 | Weight | Part no. | Туре | | |
| | | | | Ø | [g] | | | | |
| MS4 | 40.2 | 16 | 10 | 11.8 ±0.1 | 124 | 543498 | MS4-A-IPM-80 | | |
| MS6 | 62 | 16 | 10 | 11.8 ±0.1 | 156 | 543499 | MS6-A-IPM-80 | | |

Branching module

MS4/6-A-RMV-IPM-80

- For mounting a service unit component on the longitudinal side of a profile
- Suitable for block mounting (module connector fittings are accessible from above, allowing quick replacement of an individual component)
- Module connector can be rotated 90° for horizontal mounting of the service unit component





| Operating and environmental conditions | | | | | |
|--|------|---------|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

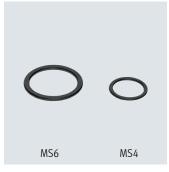
Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------------|
| Connecting plate | Die-cast aluminium |
| Module connector | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant RoHS-compliant |

| Dimensions and ordering data | | | | | | | | | |
|------------------------------|------|------|----|-----------|------|--------|----------|------------------|--|
| Size | B1 | B2 | В3 | D1 | L1 | Weight | Part no. | Туре | |
| | | | | Ø | min. | [g] | | | |
| MS4 | 40.2 | 24.5 | 10 | 11.8 ±0.1 | 55 | 150 | 543500 | MS4-A-RMV-IPM-80 | |
| MS6 | 62 | 27 | 10 | 11.8 ±0.1 | 77 | 236 | 543501 | MS6-A-RMV-IPM-80 | |

Sealing ring MS4/6-NNR

 For sealing a branching module MS-A-IPM when used as a power supply module



| Operating and environmental conditions | | | | | | |
|--|------|---------|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | |

| Materials | |
|--------------------|-------------------------------|
| Sealing ring | NBR |
| Note on materials: | RoHS-compliant RoHS-compliant |

| Ordering data | | |
|---------------|----------|---------|
| Size | Part no. | Туре |
| MS4 | 543492 | MS4-NNR |
| MS6 | 543493 | MS6-NNR |

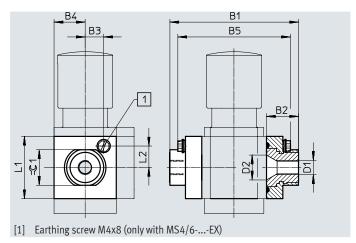
Connecting plates MS4, MS6

Connecting plate set MS4/6-AG...

(order code: AG...)

- Adapter for compressed air supply port
- MS6-AGE for implementing threaded connection G3/4





| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | | | | | | | |
|--------------------|-------------------------|--|--|--|--|--|--|
| Connecting plate | Die-cast aluminium | | | | | | |
| Seals | NBR | | | | | | |
| Note on materials: | RoHS-compliant | | | | | | |
| | Free of copper and PTFE | | | | | | |

| Dimensions an | d ordering d | ata | | | | | | | | | | | |
|-----------------|---------------|------------|------------|--------|------|------|------|-----------------|---------|--------------|--------|-----------------|------------|
| Size | B1 | B2 | В3 | B4 | B5 | D1 | D2 | L1 | L2 | = © 1 | Weight | Part no. | Туре |
| | | | | | | | | | | | [g] | | |
| MS4 | | | | | | G1/8 | | | | 24 | 128 | 526068 | MS4-AGA |
| | 83.4 | 21.5 | _ | 21 | - | G1/4 | 16.8 | 42 | - | 21 | 128 | ★ 526069 | MS4-AGB |
| | | | | | | G3/8 | | | | 24 | 128 | ★ 526070 | MS4-AGC |
| MS6 | | | | | | G1/4 | | | | 34 | 300 | 526080 | MS6-AGB |
| | 115 | 26.5 | _ | 31 | _ | G3/8 | 24 | 62 | _ | 34 | 300 | 526081 | MS6-AGC |
| | 119 20.9 | | G1/2 | 02 | | 26 | 300 | ★ 526082 | MS6-AGD | | | | |
| | | | | | | G3/4 | | | | 34 | 300 | ★ 526083 | MS6-AGE |
| For use in pote | ntially explo | sive areas | in zones 2 | and 22 | , | | , | | | | | | |
| MS4 | | | | | | G1/8 | | | | 24 | 128 | 541549 | MS4-AGA-EX |
| | 83.5 | 21.5 | 12.5 | 21 | 72.5 | G1/4 | 16.8 | 42 | 14.5 | 21 | 128 | 541550 | MS4-AGB-EX |
| | | | | | | G3/8 | | | | 24 | 128 | 541551 | MS4-AGC-EX |
| MS6 | | | | | | G1/4 | | | | 34 | 300 | 541538 | MS6-AGB-EX |
| | 115 | 26.5 | 20.5 | 31 | 98.3 | G3/8 | 24 | 62 | 15.5 | 34 | 300 | 541539 | MS6-AGC-EX |
| | 1113 | 20.5 | 20.5 | 1 1 | 70.3 | G1/2 |] 24 | 02 | 13.5 | 26 | 300 | 541540 | MS6-AGD-EX |
| | | | | | | G3/4 | | | | 34 | 300 | 541541 | MS6-AGE-EX |

 $[\]downarrow$ Note: This product conforms to ISO 1179-1 and ISO 228-1.

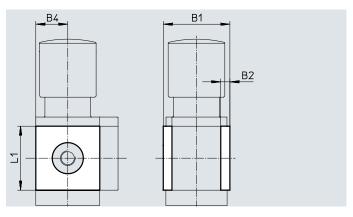
Connecting plates MS4, MS6

Cover cap MS4/6-END

 Can be used to cover the sides of the housing for the first and last module if no connecting plates are used.

Material: Reinforced PA Free of copper and PTFE





| Dimensions and | imensions and ordering data | | | | | | | | | |
|----------------|-----------------------------|----|----|----|----------|---------|--|--|--|--|
| Size | B1 | B2 | B4 | L1 | Part no. | Туре | | | | |
| | | | | | | | | | | |
| MS4 | 43.6 | 6 | 21 | 42 | 538779 | MS4-END | | | | |
| MS6 | 67 | 8 | 31 | 62 | 538780 | MS6-END | | | | |

Mounting plate MS4/6-AEND

(order code: WBE; scope of delivery includes mounting bracket MS6-WPB)

 In combination with mounting bracket MS-WP or MS-WPB for wall mounting an individual component

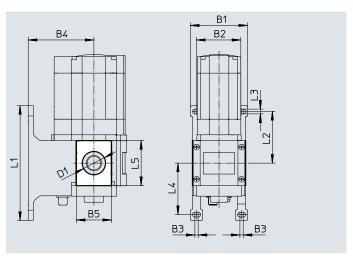
Material:

Reinforced PA

 ${\sf RoHS\text{-}compliant}$

Free of copper and PTFE





| Dimensions and | ordering | data | | | | | | | | | | | | | | |
|----------------|----------|------|-----|----|------|------|------|-----|------|-----|------|----|-------------------|--------|----------|----------|
| Size | B1 | B2 | В3 | В | 4 | B5 | D1 | L1 | L2 | L3 | L4 | L5 | CRC ¹⁾ | Weight | Part no. | Туре |
| | | | | WP | WPB | | Ø | | | | | | | [g] | | |
| MS4 | 55.2 | 40.2 | 4 | 44 | 66 | 30.4 | 20.3 | 106 | 46.5 | 5.6 | 46.7 | 42 | 2 | 4 | 542966 | MS4-AEND |
| MS6 | 79 | 62 | 4.5 | 54 | 90.5 | 48.4 | 32 | 158 | 71 | 6.6 | 71 | 62 | 2 | 17 | 535408 | MS6-AEND |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

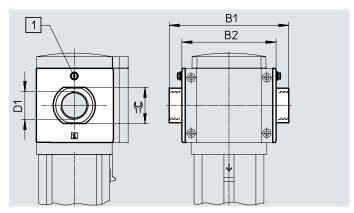
Connecting plates MS9

Connecting plate set MS9-AG.../MS9-AQ...

(order code: AG.../AQ...)

Adapter for compressed air supply port





| Operating and environmental conditions | | | | | | | |
|--|---------|--|--|--|--|--|--|
| Temperature of medium [°C] | -10 +60 | | | | | | |
| Corrosion resistance class CRC ¹⁾ | 2 | | | | | | |

| Materials | |
|--------------------|-------------------------|
| Connecting plate | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Dimensions and | d ordering data | | | | | | |
|----------------|-----------------|-----|-----------|------------|---------------|----------|---------|
| Size | B1 | B2 | D1 | = © | Weight [g] | Part no. | Туре |
| G thread | | | | | | | |
| MS9 | 132 | 112 | G1/2 | 30 | 300 | 552954 | MS9-AGD |
| | 132 | 112 | G3/4 | 36 | 300 | 552955 | MS9-AGE |
| | 142 | 112 | G1 | 41 | 300 | 552956 | MS9-AGF |
| | 162 | 112 | G1 1/4 | 50 | 400 | 552957 | MS9-AGG |
| | 176 | 112 | G1 1/2 | 55 | 400 | 552958 | MS9-AGH |
| NPT thread | | | | | | | |
| MS9 | 132 | 112 | 1/2 NPT | 30 | 300 | 552959 | MS9-AQR |
| | 132 | 112 | 3/4 NPT | 36 | 300 | 552960 | MS9-AQS |
| | 142 | 112 | 1 NPT | 41 | 300 | 552961 | MS9-AQT |
| | 162 | 112 | 1 1/4 NPT | 50 | 400 | 552962 | MS9-AQU |
| | 176 | 112 | 1 1/2 NPT | 55 | 400 | 552963 | MS9-AQV |

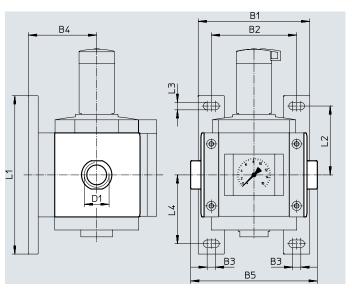
[|] Note: This product conforms to ISO 1179-1 and ISO 228-1.

Connecting plates MS12

Connecting plate set MS12-AG... (order code: AG...)

• Adapter for compressed air supply





| Operating and environmental conditions | | | | | | | | |
|--|------|---|--|--|--|--|--|--|
| Operating medium | | Compressed air to ISO 8573-1:2010 [7:4:4] | | | | | | |
| Temperature of medium | [°C] | -10 +60 | | | | | | |
| Storage temperature | [°C] | -10 +60 | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | | | | | | | |
|--------------------|-------------------------|--|--|--|--|--|--|
| Connecting plate | Die-cast aluminium | | | | | | |
| Seals | NBR | | | | | | |
| Note on materials: | RoHS-compliant | | | | | | |
| | Free of copper and PTFE | | | | | | |

| Dimensions and | ordering d | ata | | | | | | | | | | | |
|----------------|------------|-----|----|----|-----|--------|-----|-----|----|-----|--------|----------|----------|
| Size | B1 | B2 | В3 | B4 | B5 | D1 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| | | | | | | | | | | | [g] | | |
| MS12 | 162 | 124 | 12 | 99 | 184 | G1 | 230 | 100 | 11 | 100 | 1300 | 537135 | MS12-AGF |
| | | | | | 184 | G1 1/4 | | | | | | 537136 | MS12-AGG |
| | | | | | 184 | G1 1/2 | | | | | | 537137 | MS12-AGH |
| | | | | | 196 | G2 | | | | | | 537138 | MS12-AGI |

Note: This product conforms to ISO 1179-1 and ISO 228-1.

Covering kits MS4, MS6/MS9/MS12

Covering kit MS...-RB-10

• For covering the rear of the housing

Material: Reinforced PA RoHS-compliant Free of copper and PTFE



| Operating and environmental conditions | | | | | | | |
|--|------|---------|--|--|--|--|--|
| Temperature of medium | [°C] | -10 +60 | | | | | |
| Storage temperature | [°C] | -10 +60 | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | |

| Ordering data | | | |
|---------------|----------------|----------|------------|
| Size | Weight [g] | Part no. | Туре |
| MS4 | 60 | 8147574 | MS4-RB-10 |
| MS6 | 72 | 8147575 | MS6-RB-10 |
| MS9 | 170 | 8147576 | MS9-RB-10 |
| MS12 | 300 | 8147577 | MS12-RB-10 |

Safety components MS4, MS6/MS9/MS12

Padlock LRVS-D



| Operating and environmental con | ditions | |
|--|---------|---------|
| Ambient temperature | [°C] | -20 +60 |
| Temperature of medium | [°C] | -20 +60 |
| Corrosion resistance class CRC ¹⁾ | | 2 |

¹⁾ Corrosion resistance class CRC 2 to Festo standard FN 940070

Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | |
|--------------------|-------------------------------|
| Housing | Brass |
| Note on materials: | RoHS-compliant RoHS-compliant |

| Ordering data | | | |
|---------------------|--------|----------|--------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS4, MS6, MS9, MS12 | 120 | 193786 | LRVS-D |

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