



| * | Festo Core Range | V |
|--------------|--|---|
| | Solves the majority of your automation tasks | t |
| | | f |
| | | t |
| Worldwide: | Quickest delivery – wherever, whenever | T |
| Simply good: | Expected high Festo quality | f |
| 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.



Product range overview

| Туре | | Accessories for size | | | | | |
|------------------------------------|--|----------------------|---------------|------------------|-----------|-------------|--|
| | | MS2 | MS4 | MS6 | MS9 | MS12 | |
| Mounting components for i | ndividual componen | s | | | | | |
| Mounting bracket MS-WB | and the second s | - | ■ → 6 | $\rightarrow 6$ | _ | _ | |
| Mounting bracket MS-WBM | | - | ■ → 7 | - | - | - | |
| Mounting bracket MS-WR | | ■ → 4 | ■ → 8 | ■ → 8 | - | - | |
| Mounting bracket Basic MS-WR-B | C C C C C C C C C C C C C C C C C C C | - | ■ → 8 | ■ → 8 | - | - | |
| Nut MS-WRS | 0 | ■ → 4 | - | _ | - | - | |
| Plug screw MS-G18S | 9. | ■ → 5 | - | _ | - | - | |
| Hex nut MS-WRS | | | ■ → 9 | ■ → 9 | _ | - | |
| Mounting components for i | ndividual component | ts/combinations | | | | L | |
| 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 | Jia!! | - | ■ → 15 | ■ → 15 | - | - | |
| Mounting bracket Basic MS-WPE-B | Jion | - | ■ → 15 | ■ → 15 | - | - | |
| Wall mounting set MS-WPG | 1770 | - | - | ■ → 16 | - | - | |

Product range overview

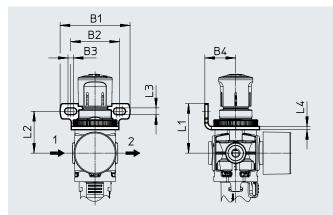
| Туре | | Accessories for size | | | | |
|--|---|----------------------|------------------|------------------|------------------|------------------|
| | | MS2 | MS4 | MS6 | MS9 | MS12 |
| Connector | | | | | | |
| Module connector MS-MV | | - | ■ → 17 | ■ → 17 | → 23 | → 25 |
| Module connector MS-MVM | | _ | ■ → 18 | ■ → 18 | - | - |
| Module connector MS-RMV | Ĩ. | _ | → 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 | Contraction of the second s | - | → 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 | Ø | - | → 40 | ■ → 40 | - | - |
| Blanking plates | | | | | | |
| Connecting plate set MS-AG/MS-AQ | 00 B | - | → 41 | ● → 41 | → 43 | ■ → 44 |
| Cover cap MS-END | | _ | → 42 | → 42 | - | - |
| Mounting plate MS-AEND | Ø | _ | → 42 | → 42 | - | - |
| Covering kits | | | • | · | | |
| Covering kit MSRB-10 | | - | ■ → 45 | ● → 45 | ■ → 45 | ■ → 45 |
| Safety components | | | | | | |
| Padlock LRVS-D | J. | - | ■ → 46 | → 46 | ■ → 46 | ■ → 46 |

Mounting components MS2

Mounting bracket MS2-WR-B

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





| | Dimension |
|--|-----------|
|--|-----------|

| Dimensions | | | | | | | |
|------------|----|-----|----|------|------|------|----|
| B1 | B2 | B3 | 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 | | |

| 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 | | | | |
| Ordening data | | | | | |
| Ordering data Size | | CRC ¹⁾ | Weight | Part no. | Туре |
| 5120 | | ene | [g] | | iype |
| MS2 | | 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).

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Mounting components MS2

Plug screw MS2-G18S



Materials

| Note on materials: | RoHS-compliant | | | | |
|--------------------|----------------|-------------------|-----|----------|----------|
| Ordering data | | | | | |
| Size | | CRC ¹⁾ | U U | Part no. | Туре |
| | | | [g] | | |
| MS2 | | 1 | 4.6 | 8095766 | MS2-G18S |

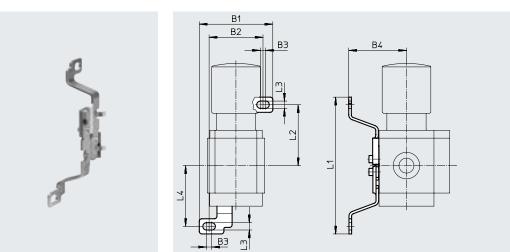
1) Corrosion resistance class CRC 1 to Festo standard FN 940070

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 components MS4, MS6

Mounting bracket MS4/6-WB

- (order code: WB)
- For wall mounting



Operating and environmental conditions

| operating and entreenter ter | | | | | | | | | |
|--|------|--------|--|--|--|--|--|--|--|
| Temperature of medium | [°C] | -10+60 | | | | | | | |
| Corrosion resistance class CRC ¹⁾ | | 2 | | | | | | | |
| | | | | | | | | | |

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

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 |

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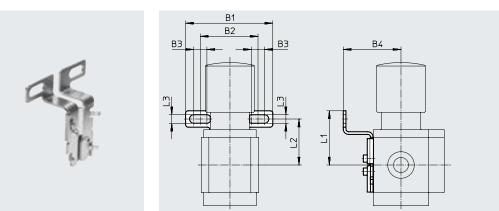
Dimensions and ordering data

| Dimensions and ordering data | | | | | | | | | | | |
|------------------------------|------|------|-----|------|-------|------|-----|------|--------|----------|--------|
| Size | B1 | B2 | B3 | 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 |

I

Mounting bracket MS4-WBM

- (order code: WBM)
- For wall mounting



Operating and environmental conditions

| operating and environmental con | antions | | |
|--|---------|---------|--|
| 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.

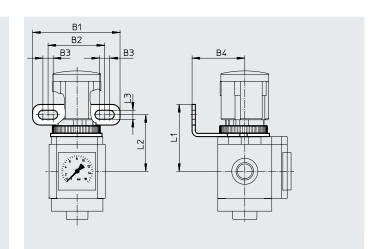
| Materials | | | | | | | | | | | | | | | |
|------------------------------|------|-------|-------------------------|----------------|------|----|-----|---------------|----------|---------|--|--|--|--|--|
| Bracket | | Steel | teel | | | | | | | | | | | | |
| Screws | | | Steel | Steel | | | | | | | | | | | |
| Note on materi | als: | | RoHS-complia | RoHS-compliant | | | | | | | | | | | |
| | | | Free of copper and PTFE | | | | | | | | | | | | |
| Dimensions and ordering data | | | | | | | | | | | | | | | |
| Size | B1 | B2 | B3 | 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 components MS4, MS6

Mounting bracket MS4/6-WR

- (order code: WR)
- For wall mounting
- For filter regulator, pressure regulator





_ Note

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



MS4/6-WR-B

MS4/6-WR

Operating and environmental conditions

| Operating and environmental con | ditions | |
|--|---------|---------|
| 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 |
|--------------------|-------------------------|
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

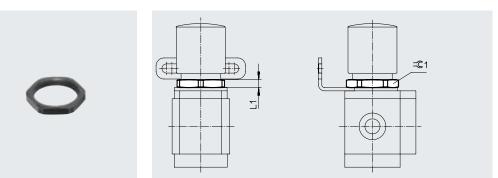
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| Dimensions and ordering data | | | | | | | | | | |
|------------------------------|----|----|-----|----|----|----|-----|--------|----------|----------|
| Size | B1 | B2 | B3 | B4 | L1 | L2 | L3 | Weight | Part no. | Туре |
| | | | | | | | | [g] | | |
| Size 4 | | - | | | - | | | | - | |
| For MS series | 68 | 44 | 8 | 41 | 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 |

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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 allo | Nrought aluminium alloy | | | | | | | | |
| Note on materials | : | RoHS-compliant | | | | | | | | | |
| | | Free of copper and PTFE | | | | | | | | | |
| Dimensions and Size | ordering data | | - €1 | Weight | Part no. | Туре | | | | | |
| 1467 | | | 24 | [g] | 522407 | | | | | | |
| MS4 | 6 | | 36 | 6.9 | 532187 | MS4-WRS | | | | | |
| MS6 | 7 | | 55 | 20.9 | 532188 | MS6-WRS | | | | | |

Mounting bracket MS4/6-WP...

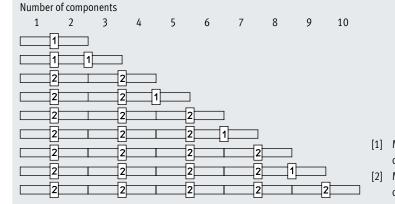
Spacing for mounting service unit combinations

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⁾



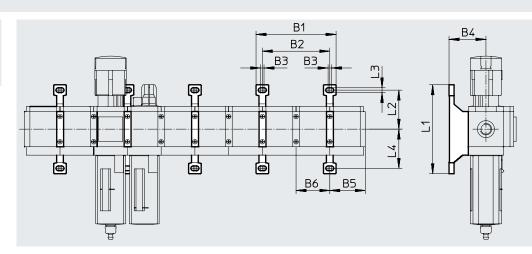
- [1] Mounting bracket WP, WPB, WPE or WPM-D
- [2] Mounting bracket WP, WPB, WPE or WPM-2D

1) With distributor block MS-FRM-FRZ

Mounting dimensions

- - Note

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



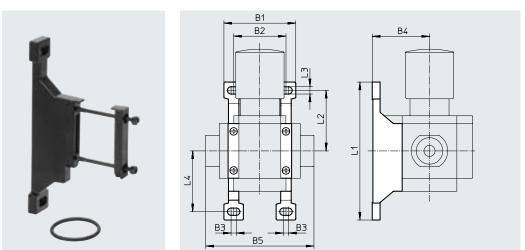
| | | ce unit ents with nension | nent with § sion and 1 | nit compo- grid dimen- distributor -FRM-FRZ | blo | ributor cks M-FRZ | | | compon | ce unit ent with nension | | tor block M-FRZ | | | | |
|-------------|------|---------------------------------|---------------------------|--|------|-------------------------|------|------|------------------|--------------------------------|------------------|--------------------|------|------|-----|------|
| Туре | B1 | B2 | B1 | B2 | B1 | B2 | B3 | B4 | B5 ¹⁾ | B6 | B5 ¹⁾ | B6 | 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 | 106 | 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 | 79 | 02 | 4.5 | 90.5 | 04.5 | 02 | | ١ر | 1)0 | /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 Correction resistance class (PC ¹) 2 | | | |
|---|--|------|--------|
| | | | |
| Correction registrance class CPC ¹ | i lemperature 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 |

★ Core Range

Dimensions and ordering data

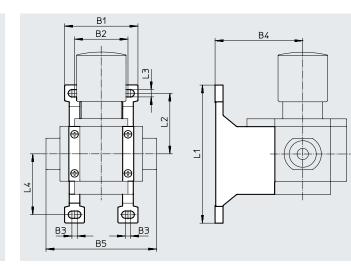
| Dimensions and | ordering da | la | | | | | | | | | | |
|-------------------|--------------|--------------|------------|------|------|-----|------|-----|------|--------|----------|-----------|
| Size | B1 | B2 | B3 | B4 | B5 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| | | | | | | | | | | [g] | | ,, |
| 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 potent | ially 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 conditions

| operating and environmental con | annons | |
|--|--------|--------|
| 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 |

★ Core Range

Dimensions and ordering data

| Dimensions | imensions and ordering data | | | | | | | | | | | | | |
|---------------|-----------------------------|--------------|------------|------|------|-----|------|-----|------|--------|----------|------------|--|--|
| Size | B1 | B2 | B3 | B4 | 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 po | tentially explos | ive areas in | zones 2 an | d 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 | | |

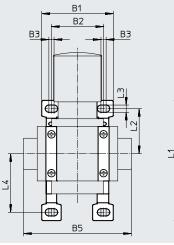
Mounting bracket MS4-WPM

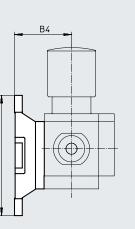
(order code: WPM)

- 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

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

★ Core Range

Dimensions and ordering data

| Dimensions and | | | | | | | | | | | | | | | |
|----------------|------|------|----|-----|-------|-----------|------|------|------|----------|-----------------|-----------|------------|--|--|
| Size | B1 | B2 | B3 | B4 | B5 | L1 | L2 | L3 | L4 | Mounting | Nounting Weight | | Туре | | |
| | | | | | | | | | | spacing | [g] | | | | |
| MS4 | 55.2 | 40.2 | 4 | 6.6 | 83.4 | 92.8 34.8 | ГС | 45.2 | 40.2 | 45 | ★ 526060 | MS4-WPM-D | | | |
| | 95.4 | 80.4 | 4 | 44 | 123.4 | 92.0 | 34.8 | 5.6 | 45.2 | 80.4 | 55 | 526061 | MS4-WPM-2D | | |

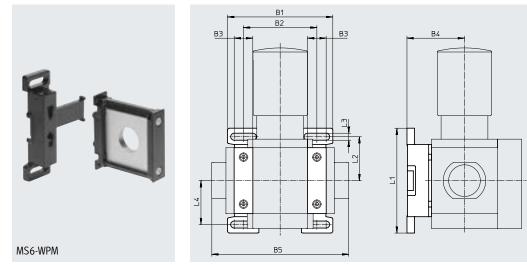
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Mounting bracket MS6-WPM

(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 | [0] | -10 +60 | | | | | | | | | |
| lemperature of medium | | -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 | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

★ Core Range

Dimensions and ordering data

| Dimensions and | imensions and ordering data | | | | | | | | | | | | | | |
|----------------|-----------------------------|--|-----|----------|-----|------|--------|------------|-----------|---------------------|---------------|----------|-----------|--|--|
| Size | B1 | B2 | B3 | B4 | B5 | L1 | L2 | L3 | L4 | Mounting spacing | Weight [g] | Part no. | Туре | | |
| MS6 | 99 | 69 | 175 | E / 1 | 129 | 09.6 | | | (() 1 2 | 69 | 144 | ★ 526073 | MS6-WPM-D | | |
| | 168 | 168 138 17.5 54.1 198 98.6 41.3 6. | 0.0 | 6.6 41.3 | 138 | 154 | 532186 | MS6-WPM-2D | | | | | | | |

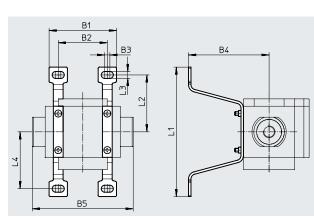
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Mounting bracket MS4/6-WPE

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

Note on materials: RoHS-compliant





| Dimensions and ordering data | | | | | | | | | | | | | |
|------------------------------|------|------|-----|------|-------|-----|------|-----|------|-------------------|--------|----------|-----------|
| | B1 | B2 | B3 | 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

| 1 0 | | |
|--|------|---------|
| Temperature of medium | [°C] | -10 +60 |
| Corrosion resistance class CRC ¹⁾ | | 2 |
| | | |

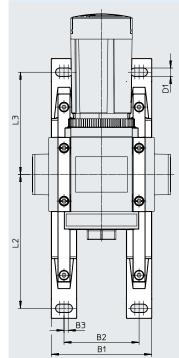
1) Corrosion resistance class CRC 2 to Festo standard FN 940070

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.

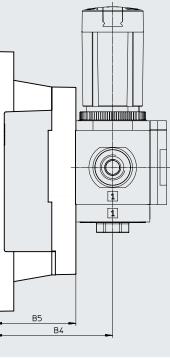
Materials

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

Dimensions



Γ



| Dimensions and | Dimensions and ordering data | | | | | | | | | | | | |
|----------------|------------------------------|----|-----|----|----|----|-----|-----|----|--------|----------|---------|--|
| Size | B1 | B2 | B3 | B4 | B5 | D1 | L1 | L2 | L3 | Weight | Part no. | Туре | |
| MS6 | 84 | 62 | 3.5 | 99 | 68 | 7 | 217 | 111 | 86 | 245 | 8072794 | MS6-WPG | |

Download CAD data → <u>www.festo.com</u>

I

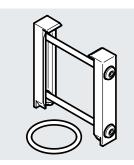
|

T

Mounting components MS4, MS6

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

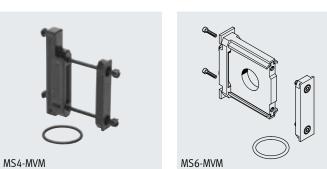
Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

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

| | Weight [g] | Part no. | Туре |
|--|---------------|----------|-----------|
| 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]

 Corrosion resistance class CRC¹⁾
 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 | | |

★ Core Range

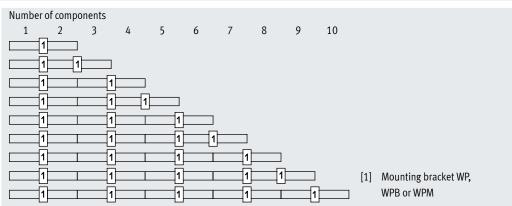
| Ordering data | | | |
|---------------|--------|----------|---------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| MS4 | 19 | ★ 532800 | MS4-MVM |
| MS6 | 89 | ★ 532801 | MS6-MVM |

Mounting bracket MS9-WP...

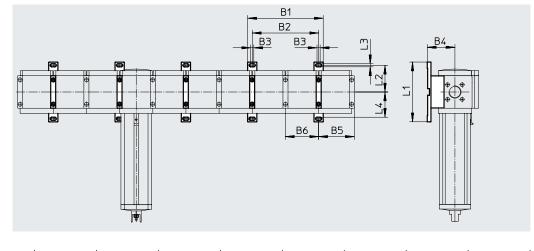
Spacing for mounting service unit combinations

1 service unit component: 90 mm

2 service unit components: 180 mm



Mounting dimensions



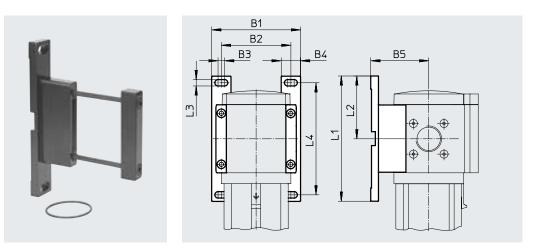
| Туре | B1 | B2 | B3 | B4 | B5 | B6 | L1 | L2 | L3 | L4 |
|---------|-----|-----|-----|------|----|----|-----|-------|-----|-------|
| MS9-WP | | | | 75 | | | | | | |
| MS9-WPB | 205 | 180 | 8.5 | 99 | 97 | 90 | 162 | 72.75 | 8.3 | 72.25 |
| MS9-WPM | | | | 90.5 | | | | | | |

Mounting components MS9

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 | Dimensions and ordering data | | | | | | | | | | | |
|----------------|------------------------------|----|-----|----|----|-----|-------|-----|-----|---------------|----------|--------|
| Size | B1 | B2 | B3 | 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 |

- Note

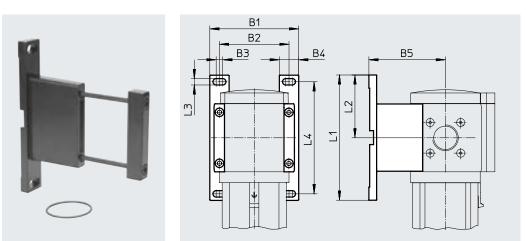
The screws for the wall bracket are partially covered on the rear by the housing of the on/off valves MS9-EM or MS9-EE. Depending on the configuration of a service unit combination, the screws will no longer be accessible. The mounting bracket MS9-WPM is therefore recommended for wall mounting.

L

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 [9 | [°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

| - L 1 | intensions and ordering data | | | | | | | | | | | | |
|-------|------------------------------|-----|----|-----|----|----|-----|-------|-----|-----|--------|----------|---------|
| | Size | B1 | B2 | B3 | B4 | B5 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| | | | | | | | | | | | [g] | | |
| | MS9 | 115 | 90 | 8.5 | 25 | 99 | 162 | 81.25 | 8.3 | 145 | 210 | 552949 | MS9-WPB |

- Note

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.

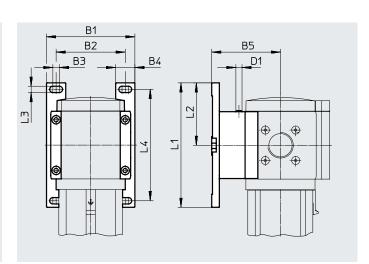
I

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.

10 ntal diti

| 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 | 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

| Dimensions and | ordering d | ata | | | | | | | | | | | |
|----------------|------------|-----|-----|----|------|----|-----|------|-----|-----|---------------|----------|---------|
| Size | B1 | B2 | B3 | 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

| ſ | 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 | Die-cast aluminium |
| Hollow bolt | Die-cast aluminium |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |
| Note on materials: | |
| Ordering data | |
| Size | Weight Part no. Type |

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

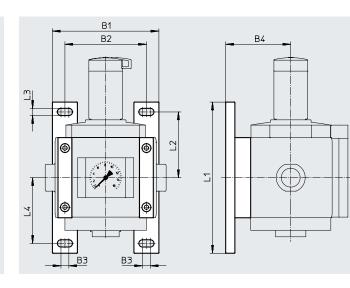
Mounting components MS12

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

| 1 0 | | |
|--|------|---------|
| 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

| 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 | a | | | | | | | | | |
|----------------|---------------|-----|----|----|-----|-----|----|-----|--------|----------|---------|
| Size | B1 | B2 | B3 | B4 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| | | | | | | | | | g | | |
| MS12 | 162 | 124 | 12 | 99 | 230 | 100 | 11 | 100 | 700 | 537133 | MS12-WP |

1

Module connector MS12-MV

• For connecting the modules



Operating and environmental conditions

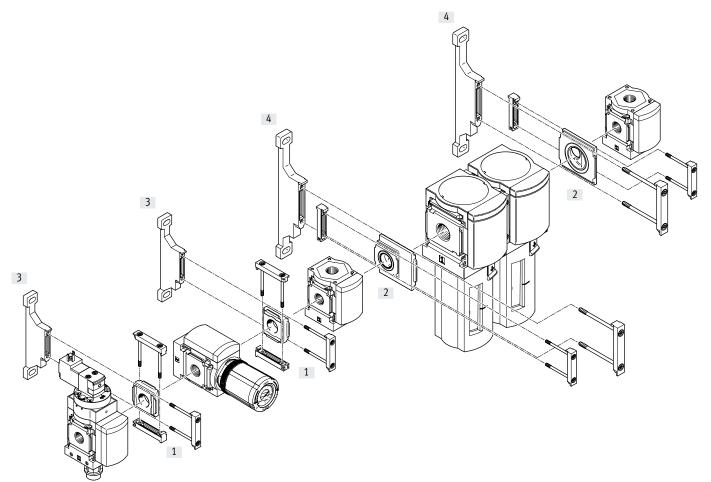
| Temperature of medium | [°C] | -10+60 |
|--|------|--------|
| Storage temperature | [°C] | -10+60 |
| Corrosion resistance class CRC ¹⁾ | | 2 |

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

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



Mounting components

| Mour | 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 | | | | |

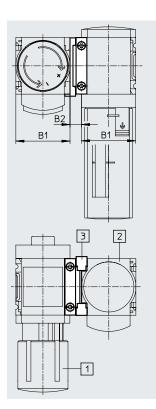
- Note

Mounting components for wall mounting \rightarrow page 10

Module connector MS4/6-RMV

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





- [1] Service unit component of the same size rotated 90° to the connection axis
- [2] Service unit component size MS4/6

[3] Module connector MS4/6-RMV

Operating and environmental conditions

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

Dimensions and ordering data

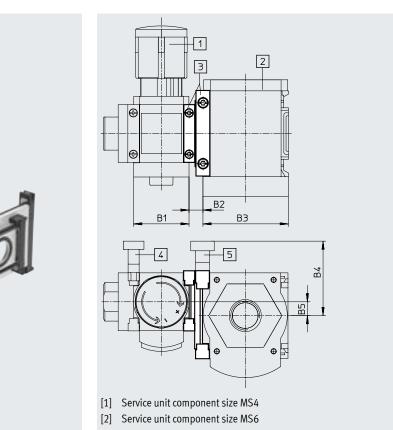
| Size | B1 | B2 | Weight | Part no. | Туре | | | | |
|-------------------|---|-----|--------|----------|------------|--|--|--|--|
| | | | [g] | | | | | | |
| MS4 | 40.2 | 8.5 | 42 | 543490 | MS4-RMV | | | | |
| MS6 | 62 | 11 | 112 | 543491 | MS6-RMV | | | | |
| For use in potent | ially explosive areas 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.



- [3] Module connector MS4-6-AMV
- [4] Mounting bracket MS4-WP
- [5] Mounting bracket MS6-WP

Operating and environmental conditions

| 1 0 | | |
|--|------|---------|
| 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 | e | Die-cast alu | minium | | | | | |
| Module connect | or | Die-cast alu | minium | | | | | |
| Sealing ring | | NBR | | | | | | |
| Note on materia | ls: | RoHS-compl | iant | | | | | |
| | | | | | | | | |
| Dimensions and Size | d ordering data B1 | B2 | B3 | B4 | В5 | Weight [g] | Part no. | Туре |
| | | B2 10 | B3 62 | B4 | B5 10 | - | Part no. 543489 | Туре MS4-6-AMV |
| Size MS4/6 | B1 | 10 | | | | [g] | | |

Mounting components MS6/MS9 5 5 3 \sim 4 16 G. 1 E Mounting components → Page/Internet [1] Module connector 27 MS6-RMV [2] Module connector 31 MS6-9-ARMV Module connector 30 [3]

- Note

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

12

22

MS6-9-AMV

MS6-WPB

Mounting bracket

Mounting bracket MS9-WPM

[4]

[5]

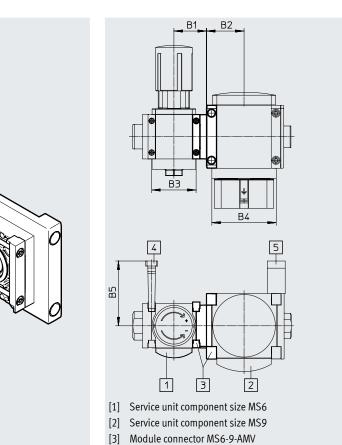
Module connector MS6/MS9

Module connector MS6-9-AMV

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

- 🖡 - Note

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



- [4] Mounting bracket MS6-WPB
- [5] Mounting bracket MS9-WPM

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 pla | ate | Die-cast alu | minium | | | | | |
|--------------------------------------|------------------------|--------------|--------------------|----------|------------|----------------------|----------------------------|--------------------------|
| Module conne | ctor | Die-cast alu | Die-cast aluminium | | | | | |
| Screws | | Steel | | | | | | |
| Seals | | NBR | | | | | | |
| Note on mater | ials: | RoHS-compl | iant | | | | | |
| | | Free of copp | er and PTFF | | | | | |
| | | | | | | | | |
| | nd ordering data B1 | B2 | B3 | B4 | B5 | Weight | Part no. | Туре |
| Dimensions a Size MS6/9 | - | · · · · · | | B4 90 | B5 90.5 | Weight [g] 220 | Part no. 3426895 | Туре MS6-9-AMV |
| Size MS6/9 | B1 | B2 52.5 | B3 62 | | | [g] | | |

Module connector MS6/MS9

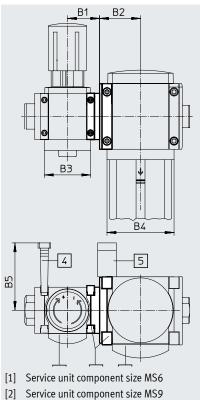
Module connector MS6-9-ARMV

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

- 🖡 - Note

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





- [3] Module connector MS6-9-ARMV
- [4] Mounting bracket MS6-WPB
- [5] Mounting bracket MS9-WPM

Operating and environmental conditions

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

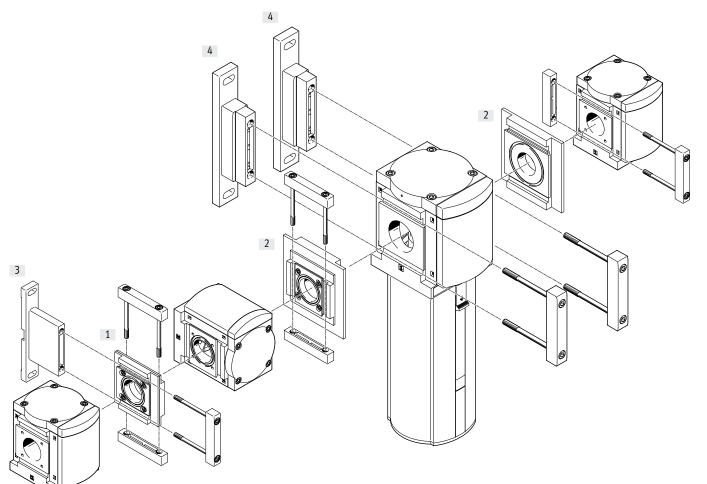
1) Corrosion resistance class CRC 2 to Festo standard FN 940070

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

| Mutchuts | | | | | | | | | |
|-----------------|------------------|--------------|-------------------------|----------|------------|---------------|------------------------|--------------------|--|
| Connecting plat | te | Die-cast alu | ıminium | | | | | | |
| Module connec | tor | Die-cast alu | Die-cast aluminium | | | | | | |
| Screws | | Steel | | | | | | | |
| Seals | | NBR | | | | | | | |
| Note on materia | als: | RoHS-comp | liant | | | | | | |
| | | Free of some | Free of copper and PTFE | | | | | | |
| | | Free of copp | Der and PIFE | | | | | | |
| | nd ordering data | B2 | B3 | B4 | B5 | Weight | Part no. | Туре | |
| | - | · · · · | | Β4 | B5 | Weight [g] | Part no. | Туре | |
| Size | - | · · · · | | B4 90 | B5 90.5 | | Part no. 552951 | Type MS6-9-ARMV | |
| Size MS6/9 | B1 | B2 55 | B3 62 | | | [g] | | | |

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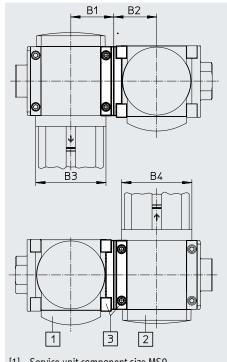


Mounting components

| Moun | ting 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





- [2] Service unit component MS9 rotated 90° to the connection axis
- [3] Module connector MS9-RMV

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 |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |
| | |

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

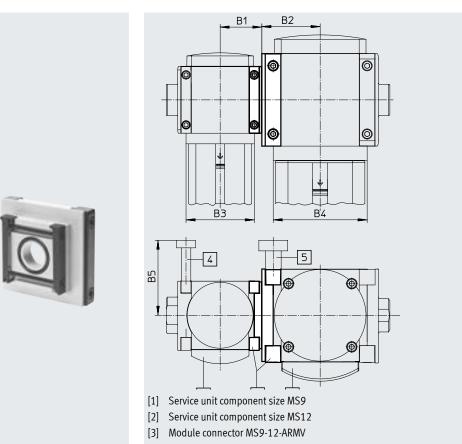
1

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

- 🕴 - Note

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



- [4] Mounting bracket MS9-WPB
- [5] Mounting bracket MS12-WPM

Operating and environmental conditions

 Temperature of medium
 [°C]
 -10 ... +60

 Corrosion resistance class CRC¹⁾
 2

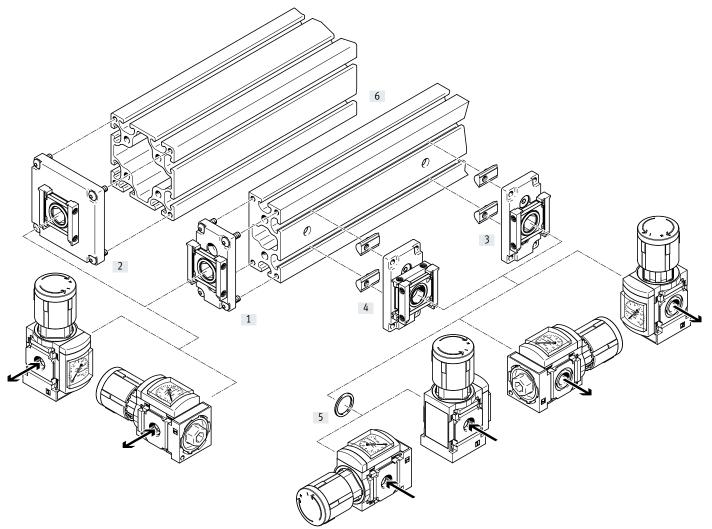
1) Corrosion resistance class CRC 2 to Festo standard FN 940070

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 |
| Screws | Steel |
| Seals | NBR |
| Note on materials: | RoHS-compliant |
| | Free of copper and PTFE |

| Size | B1 | B2 | B3 | B4 | | Weight [g] | Part no. | Туре |
|--------|----|----|----|-----|----|---------------|----------|-------------|
| MS9/12 | 55 | 77 | 90 | 124 | 99 | 990 | 552953 | MS9-12-ARMV |



 \rightarrow Flow direction

| 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

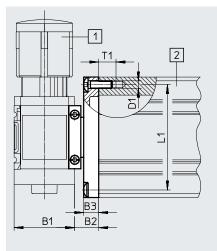
Additional mounting components are required for mounting a service unit combination \rightarrow page 10

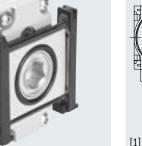
Mounting components MS4, MS6

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

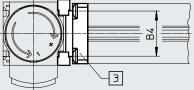
- For mounting a service unit component on the end face of a profile of size 40x80
- Module connector can be rotated 90° for horizontal mounting of the service unit component











- [1] Service unit component
- [2] Profile 40x80
- [3] Power supply module

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 |

Dimensions and ordering data

| Dimensions and | | | | | | | | | | | | |
|----------------|------|----|----|---------|----|---------|------|---------------|----------|-----------------|--|--|
| Size | B1 | B2 | B3 | B4 | D1 | L1 | T1 | Weight [g] | Part no. | Туре | | |
| 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 | | |

I

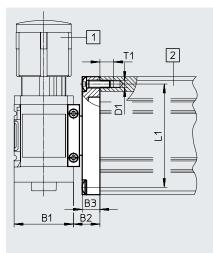
Power supply module MS4/6-E-IPM-80-80

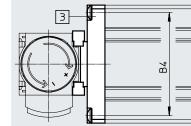
- For mounting a service unit component on the end face of a profile of size 80x80
- Module connector can be rotated 90° for horizontal mounting of the service unit component





MS6





- [1] Service unit component
- [2] Profile 80x80
- [3] Power supply module

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 |

Dimensions and ordering data

| Dimensions and | | | | | | | | | | | | |
|----------------|------|----|----|---------|----|---------|-----|--------|----------|-----------------|--|--|
| Size | B1 | B2 | B3 | B4 | D1 | L1 | T1 | Weight | Part no. | Туре | | |
| | | | | | | | | [g] | | | | |
| 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 | | |

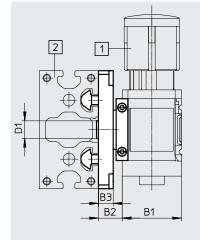
Branching module MS4/6-A-IPM-80

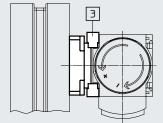
- For mounting a service unit component on the longitudinal side of a profile
- Module connector can be rotated 90° for horizontal mounting of the service unit component



MS4







- [1] Service unit component
- [2] Profile
- [3] Branching module

Operating and environmental conditions

| 1 0 0 | | |
|--|------|--------|
| 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 |

Dimensions and ordering data

| Dimensions and | | | | | | | | | | | | |
|----------------|------|----|----|-----------|--------|----------|--------------|--|--|--|--|--|
| Size | B1 | B2 | B3 | 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 | | | | | |

T

Branching module

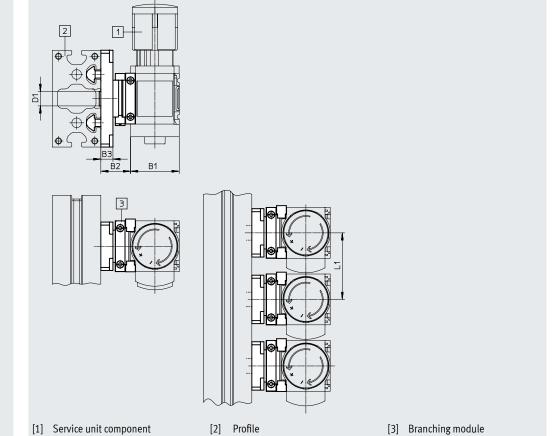
- MS4/6-A-RMV-IPM-80
- For mounting a service unit component on the longitudinal side of a profile



MS4



- 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 con- | perating 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

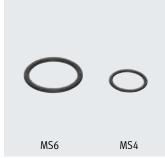
Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

| Materials | | | | | | | | | | |
|-------------------------------|---------------------|--------------|----------------|-----------|------------|---------------|----------|------------------|--|--|
| Connecting plate | | Die-cast alı | ıminium | | | | | | | |
| Module connecto | or | Die-cast alı | ıminium | | | | | | | |
| Hollow bolt | | Die-cast alı | ıminium | | | | | | | |
| Screws | | Steel | | | | | | | | |
| Seals | | NBR | NBR | | | | | | | |
| Note on material | S: | RoHS-comp | RoHS-compliant | | | | | | | |
| Dimensions and Size | ordering data B1 | B2 | B3 | D1 Ø | L1 min. | Weight [g] | Part no. | Туре | | |
| 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 | | |

Mounting components MS4, MS6

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 |
| | | |

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.

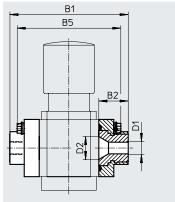
| Materials | | | |
|--------------------|----------------|----------|---------|
| Sealing ring | NBR | | |
| Note on materials: | RoHS-compliant | | |
| Ordering data | | | |
| Size | | Part no. | Туре |
| MS4 | | 543492 | MS4-NNR |
| MS6 | | 543493 | MS6-NNR |

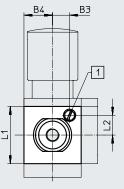
Connecting plates MS4, MS6

Connecting plate set MS4/6-AG...

- (order code: AG...)
- Adapter for compressed air supply port
- MS6-AGE for implementing threaded connection G3/4







[1] Earthing screw M4x8 (only with MS4/6-...-EX)

Operating and environmental conditions

| openand and entreenter ter | | |
|--|------|---------|
| 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 |

★ Core Range

Dimensions and ordering data

| | and ordering d | | | | | | | | | | | | |
|---------------|-----------------|------------|------------|--------|------|------|------|----|------|------|--------|----------|------------|
| Size | B1 | B2 | B3 | 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 |
| | | 20.5 | | 1 | - | G1/2 | 24 | | | 26 | 300 | ★ 526082 | MS6-AGD |
| | | | | | | G3/4 | | | | 34 | 300 | ★ 526083 | MS6-AGE |
| For use in po | tentially 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 | 1 | | | 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 |
| | | 20.5 | 20.5 | | 20.5 | G1/2 | | | | 26 | 300 | 541540 | MS6-AGD-EX |
| | | | | | | G3/4 | | | [| 34 | 300 | 541541 | MS6-AGE-EX |

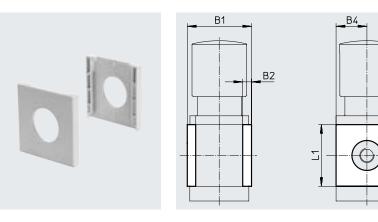
Note: This product conforms to ISO 1179-1 and ISO 228-1.

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



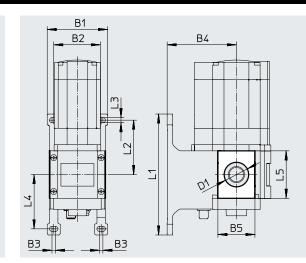
Dimensions and ordering data

| Dimensions and | oruering uata | | | | | |
|----------------|---------------|----|----|----|----------|---------|
| 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 RoHS-compliant
 Free of copper and PTFE



Dimensions and ordering data

| | | , | | | | | | | | | | | | | | |
|------|------|------|-----|----|------|------|------|-----|------|-----|------|----|-------------------|--------|----------|----------|
| Size | B1 | B2 | B3 | B | 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

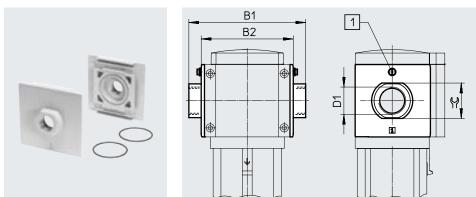
Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment.

Connecting plates MS9

Connecting plate set

MS9-AG.../MS9-AQ...

- (order code: AG.../AQ...)
- Adapter for compressed air supply port



Operating and environmental conditions

| Operating and environmental con | | |
|--|------|---------|
| 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 pla | te | Die-cast aluminium | | | | | |
| Hollow bolt | | Die-cast aluminium | | | | | |
| Seals | | NBR | | | | | |
| Note on materia | als: | RoHS-compliant | | | | | |
| | | Free of copper and PTF | E | | | | |
| Dimensions an | ıd ordering data | | | | | | |
| Size | B1 | B2 | D1 | 2 = | Weight | Part no. | Туре |
| | | | | | [g] | | |
| 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 |

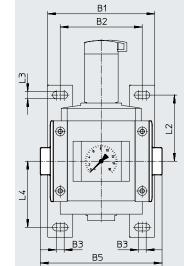
Note: This product conforms to ISO 1179-1 and ISO 228-1.

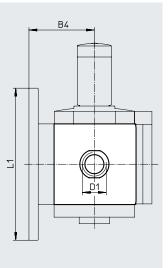
Connecting plates MS12

Connecting plate set MS12-AG...

- (order code: AG...)
- Adapter for compressed air supply port







1

T

Operating and environmental conditions

| ciono | |
|-------|---|
| | Compressed air to ISO 8573-1:2010 [7:4:4] |
| °C] | -10+60 |
| °C] | -10+60 |
| | 2 |
| 0 | C] |

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

Dimensions and ordering data

| - L' | | | | | | | | | | | | | | |
|------|------|-----|-----|----|----|-----|--------|-----|-----|----|-----|--------|----------|----------|
| | Size | B1 | B2 | B3 | B4 | B5 | D1 | L1 | L2 | L3 | L4 | Weight | Part no. | Туре |
| L | | | | | | | | | | | | [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

| 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.

| Ordering data | | | |
|---------------|--------|----------|------------|
| Size | Weight | Part no. | Туре |
| | [g] | | |
| 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 conditions

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

T