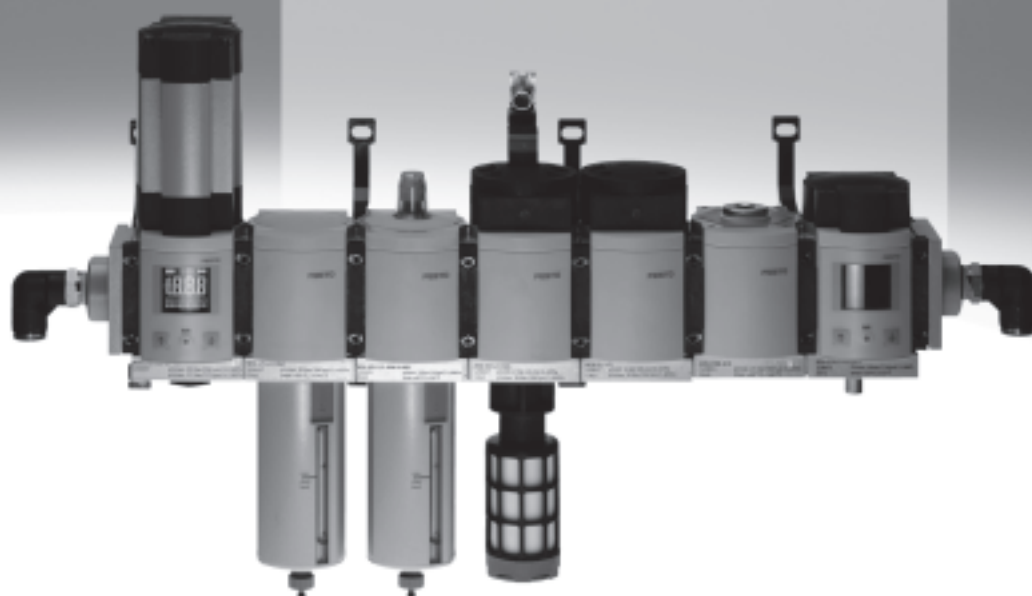


## Accessories, MS series














**FESTO**



## Accessories, MS series

Product range overview










FESTO

| Type  |   | Accessories for size |           |               |           |
|---|---|----------------------|-----------|---------------|-----------|
|   |   | MS4                  | MS6       | MS9           | MS12      |
| <b>Mounting attachments for individual devices</b>              |   |                      |           |               |           |
| Mounting bracket<br>MS-WB                                       |    | ■<br>→ 4             | ■<br>→ 4  | –             | –         |
| Mounting bracket<br>MS-WBM                                      |    | ■<br>→ 4             | –         | –             | –         |
| Mounting bracket<br>MS-WR                                       |    | ■<br>→ 5             | ■<br>→ 5  | –             | –         |
| Hex nut<br>MS-WRS   |    | ■<br>→ 5             | ■<br>→ 5  | –             | –         |
| <b>Mounting attachments for individual devices/combinations</b> |   |                      |           |               |           |
| Mounting bracket<br>MS-WP                                       |    | ■<br>→ 7             | ■<br>→ 7  | ■<br>→ 13     | ■<br>→ 15 |
| Mounting bracket<br>MS-WPB                                      |   | ■<br>→ 8             | ■<br>→ 8  | ■<br>→ 13     | –         |
| Mounting bracket<br>MS-WPM                                      |  | ■<br>→ 9             | ■<br>→ 9  | ■<br>→ 14     | –         |
| Mounting bracket<br>MS-WPE                                      |  | ■<br>→ 10            | ■<br>→ 10 | –             | –         |
| <b>Connectors</b>   |   |                      |           |               |           |
| Module connector<br>MS-MV                                       |  | ■<br>→ 10            | ■<br>→ 10 | ■<br>→ 14     | ■<br>→ 15 |
| Module connector<br>MS-MVM                                      |  | ■<br>→ 10            | ■<br>→ 10 | –             | –         |
| Module connector<br>MS-RMV                                      |  | ■<br>→ 16            | ■<br>→ 16 | ■<br>→ 19     | –         |
| Module connector<br>MS-AMV                                      |  | ■<br>→ 16            | ■<br>→ 16 | –             | –         |
| Module connector<br>MS-ARMV                                     |  | –                    | ■<br>→ 19 | ■<br>→ 19, 21 | ■<br>→ 21 |

## Accessories, MS series

Product range overview

**FESTO**

| Type                                     |   | Accessories for size |           |           |           |
|--|---|----------------------|-----------|-----------|-----------|
|  |   | MS4                  | MS6       | MS9       | MS12      |
| <b>Adapters for mounting on profiles</b> |   |                      |           |           |           |
| Power supply modules<br>MS-E-IPM-40-80   |    | ■<br>→ 24            | ■<br>→ 24 | –         | –         |
| Power supply modules<br>MS-E-IPM-80-80   |    | ■<br>→ 24            | ■<br>→ 24 | –         | –         |
| Branching modules<br>MS-A-IPM-80         |    | ■<br>→ 24            | ■<br>→ 24 | –         | –         |
| Branching modules<br>MS-A-RMV-IPM-80     |    | ■<br>→ 24            | ■<br>→ 24 | –         | –         |
| Sealing rings<br>MS-NNR                  |    | ■<br>→ 24            | ■<br>→ 24 | –         | –         |
| <b>Cover plates</b>                      |   |                      |           |           |           |
| Connecting plate<br>MS-AG...             |   | ■<br>→ 30            | ■<br>→ 30 | ■<br>→ 32 | ■<br>→ 33 |
| Cover plate<br>MS-END                    |  | ■<br>→ 31            | ■<br>→ 31 | –         | –         |
| Mounting plate<br>MS-AEND                |  | ■<br>→ 31            | ■<br>→ 31 | –         | –         |
| <b>Security components</b>               |   |                      |           |           |           |
| Padlock<br>LRVS-D                        |  | ■<br>→ 34            | ■<br>→ 34 | ■<br>→ 34 | ■<br>→ 34 |

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Mounting bracket MS4/6-WB

(order code: WB)

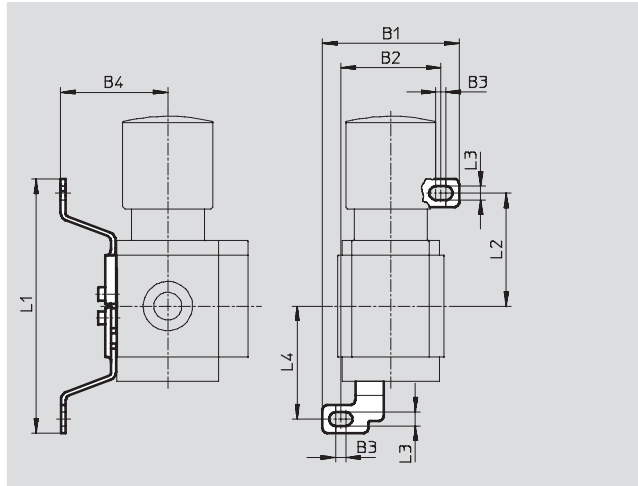
- For wall mounting

Material:

Steel

Note on materials:

RoHS-compliant (MS6-WB only)



| Dimensions and ordering data |      |      |     |      |       |      |     |      |            |          |        |
|------------------------------|------|------|-----|------|-------|------|-----|------|------------|----------|--------|
| Size                         | B1   | B2   | B3  | B4   | L1    | L2   | L3  | L4   | Weight [g] | Part No. | Type   |
| 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 |

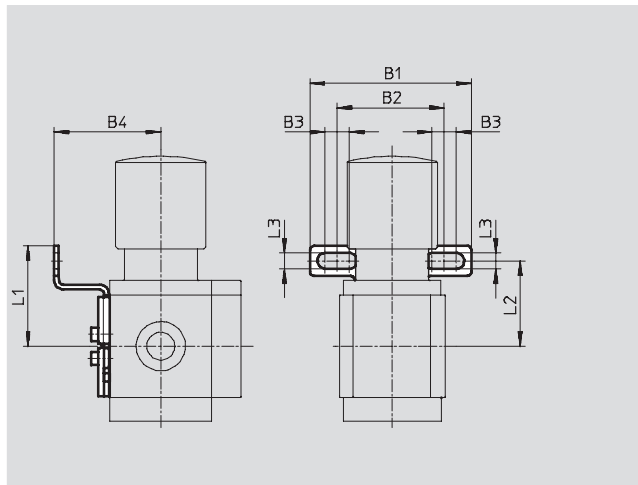
### Mounting bracket MS4-WBM

(order code: WBM)

- For wall mounting

Material:

Steel



| Dimensions and ordering data |      |    |    |    |      |    |     |               |          |         |
|------------------------------|------|----|----|----|------|----|-----|---------------|----------|---------|
| Size                         | B1   | B2 | B3 | B4 | L1   | L2 | L3  | Weight<br>[g] | Part No. | Type    |
| MS4                          | 66.5 | 44 | 10 | 44 | 41.3 | 35 | 6.5 | 48            | 526062   | MS4-WBM |

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Mounting bracket MS4/6-WR

(order code: WR)

- For wall mounting
- For filter regulator, pressure regulator

Material:

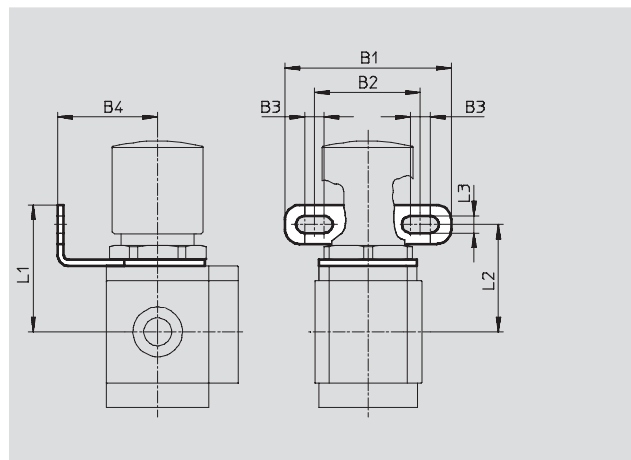
Steel

Note on materials:

RoHS-compliant (MS6-WR only)

#### Note

The hex nut for attaching components to this bracket must be ordered separately.



| Dimensions and ordering data |    |    |     |    |    |    |     |            |          |        |
|------------------------------|----|----|-----|----|----|----|-----|------------|----------|--------|
| Size                         | B1 | B2 | B3  | B4 | L1 | L2 | L3  | Weight [g] | Part No. | Type   |
| MS4                          | 68 | 44 | 8   | 41 | 52 | 44 | 7   | 49         | 526064   | MS4-WR |
| MS6                          | 70 | 42 | 8.2 | 40 | 67 | 57 | 7.1 | 90         | 526075   | MS6-WR |

### Hex nut MS4/6-WRS

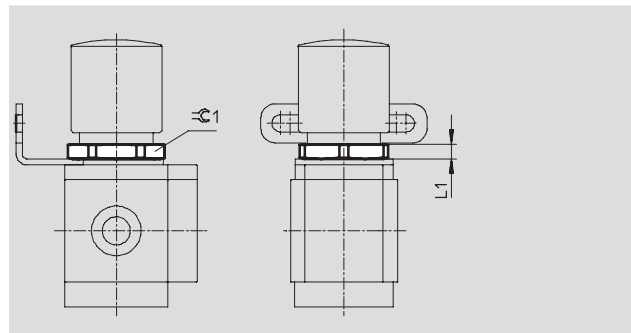
- For front panel mounting
- For attaching the mounting bracket MS...-WR

Material:

Aluminium

Note on materials:

RoHS-compliant (MS6-WRS only)



| Dimensions and ordering data |    |    |            |          |         |
|------------------------------|----|----|------------|----------|---------|
| Size                         | L1 | 1  | Weight [g] | Part No. | Type    |
| MS4                          | 6  | 36 | 6.9        | 532187   | MS4-WRS |
| MS6                          | 7  | 55 | 20.9       | 532188   | MS6-WRS |

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Mounting bracket MS4/6-WP...

Clearances for mounting service unit combinations

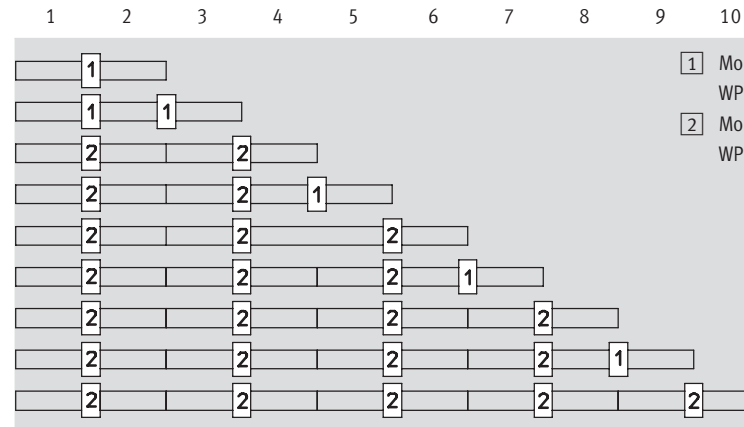
#### Size MS4

- 1 service unit with MS4-WP... :  
40.2 mm (20.1 mm)<sup>1)</sup>
- 2 service units with MS4-WP... :  
80.4 mm (40.2 mm)<sup>1)</sup>

#### Size MS6

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

#### Number of units

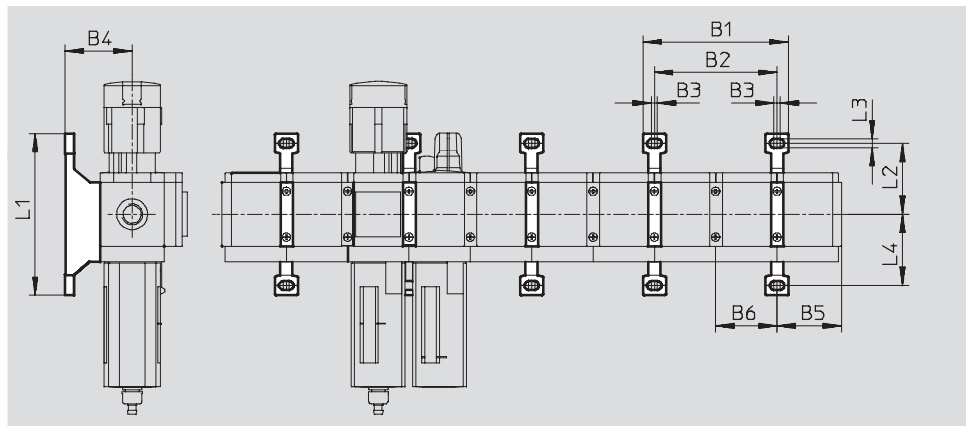


1) With distributor block MS-FRM-FRZ

### Mounting dimensions

#### Note

The distributor block MS4/6-FRM-FRZ has a dimension of half grid width.



| Type         | 2 service units with grid dimension |      | 1 service unit with grid dimension and 1 distributor block MS-FRM-FRZ |      | 2 distributor blocks MS-FRM-FRZ |      | B3  | B4   | Service unit with grid dimension |      | Distributor block MS-FRM-FRZ |      | L1   | L2   | L3  | L4   |
|--------------|-------------------------------------|------|---|------|---------------------------------|------|-----|------|----------------------------------|------|------------------------------|------|------|------|-----|------|
|              | B1                                  | B2   | B1  | B2   | B1                              | B2   |     |      | B5 <sup>1)</sup>                 | B6   | B5 <sup>1)</sup>             | B6   |      |      |     |      |
| MS4-WP       | 95.4                                | 80.4 | 75.3  | 60.3 | 55.2                            | 40.2 | 4   | 44   | 41.9                             | 40.2 | 21.8                         | 20.1 | 106  | 46.5 | 5.6 | 46.7 |
| MS4-WPB/WPE  |                                     |      |   |      |                                 |      |     | 66   |                                  |      |                              |      | 92.8 | 34.8 |     | 45.2 |
| MS4-WPM-...D |                                     |      |   |      |                                 |      |     | 44   |                                  |      |                              |      |      |      |     |      |
| MS6-WP       | 141                                 | 124  | 110   | 93   | 79                              | 62   | 4.5 | 54.1 | 64.5                             | 62   | 33.5                         | 31   | 158  | 71   | 6.6 | 71   |
| MS6-WPB/WPE  |                                     |      |   |      |                                 |      |     | 90.5 |                                  |      |                              |      |      |      |     |      |
| MS6-WPM-...D |                                     |      |   |      |                                 |      |     | 54.1 |                                  |      |                              |      | 98.6 | 41.3 |     | 41.3 |

1) With accessory cover plate MS-END

## Accessories, MS series

Mounting attachments MS4/MS6

**FESTO**

### Mounting bracket MS4/6-WP

(order code: WP)

- For connecting modules via wall mounting
- In combination with a connecting plate MS4/6-AG... for individual wall mounting
- In combination with mounting plate MS4/6-AEND for individual wall mounting via direct thread
- For pressure regulator LRB with angled outlet block B... at rear

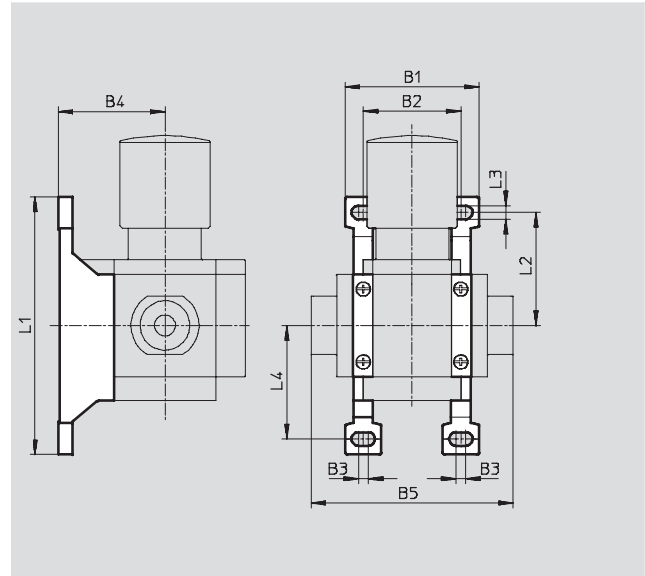
Material:

Die-cast aluminium

Note on materials:

RoHS-compliant (MS6-WP only)

Free of copper and PTFE



| Dimensions and ordering data                 |      |      |     |      |      |     |      |     |      |                   |            |          |           |
|--|------|------|-----|------|------|-----|------|-----|------|-------------------|------------|----------|-----------|
| Size   | B1   | B2   | B3  | B4   | B5   | L1  | L2   | L3  | L4   | CRC <sup>1)</sup> | Weight [g] | Part No. | Type      |
| MS4  | 55.2 | 40.2 | 4   | 44   | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 2                 | 39         | 532184   | MS4-WP    |
| MS6  | 79   | 62   | 4.5 | 54.1 | 115  | 158 | 71   | 6.6 | 71   | 2                 | 76         | 532195   | MS6-WP    |
| For use in explosive areas in zones 2 and 22 |      |      |     |      |      |     |      |     |      |                   |            |          |           |
| MS4  | 55.2 | 40.2 | 4   | 44   | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 2                 | 39         | 541554   | MS4-WP-EX |
| MS6  | 79   | 62   | 4.5 | 54.1 | 115  | 158 | 71   | 6.6 | 71   | 2                 | 76         | 541544   | MS6-WP-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Mounting bracket MS4/6-WPB

(order code: WPB)

- For connecting modules via wall mounting
- In combination with a connecting plate MS4/6-AG... for individual wall mounting
- In combination with mounting plate MS4/6-AEND for individual wall mounting via direct thread
- Provides large wall gap for pressure regulator

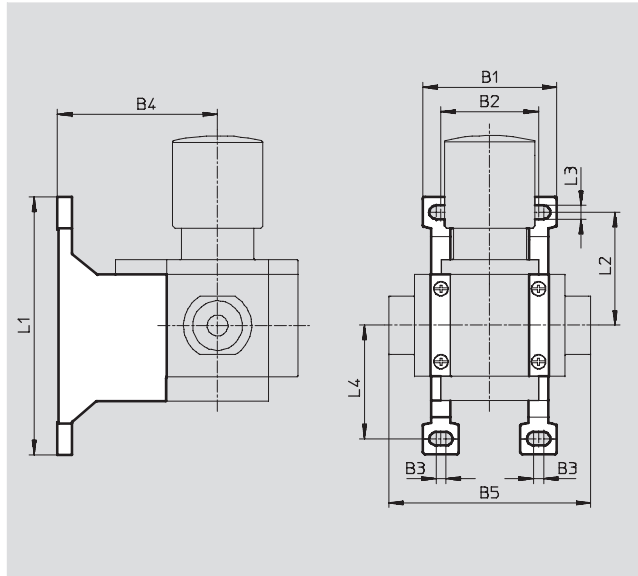
Material:

Die-cast aluminium

Note on materials:

RoHS-compliant (MS6-WPB only)

Free of copper and PTFE



| Dimensions and ordering data                 |      |      |     |      |      |     |      |     |      |                   |            |                   |
|--|------|------|-----|------|------|-----|------|-----|------|-------------------|------------|-------------------|
| Size   | B1   | B2   | B3  | B4   | B5   | L1  | L2   | L3  | L4   | CRC <sup>1)</sup> | Weight [g] | Part No. Type     |
| MS4  | 55.2 | 40.2 | 4   | 66   | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 2                 | 55         | 526063 MS4-WPB    |
| MS6  | 79   | 62   | 4.5 | 90.5 | 115  | 158 | 71   | 6.6 | 71   | 2                 | 115        | 526074 MS6-WPB    |
| For use in explosive areas in zones 2 and 22 |      |      |     |      |      |     |      |     |      |                   |            |                   |
| MS4  | 55.2 | 40.2 | 4   | 66   | 83.4 | 106 | 46.5 | 5.6 | 46.7 | 2                 | 55         | 541552 MS4-WPB-EX |
| MS6  | 79   | 62   | 4.5 | 90.5 | 115  | 158 | 71   | 6.6 | 71   | 2                 | 115        | 541542 MS6-WPB-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.



## Accessories, MS series

Mounting attachments MS4/MS6

### Mounting bracket MS4/6-WPM

(order code: WPM)

- For connecting modules via wall mounting
- In combination with a connecting plate MS4/6-AG... for individual wall mounting
- Speedy attachment and detachment
- For installation of modules with regulating knob pointing downwards

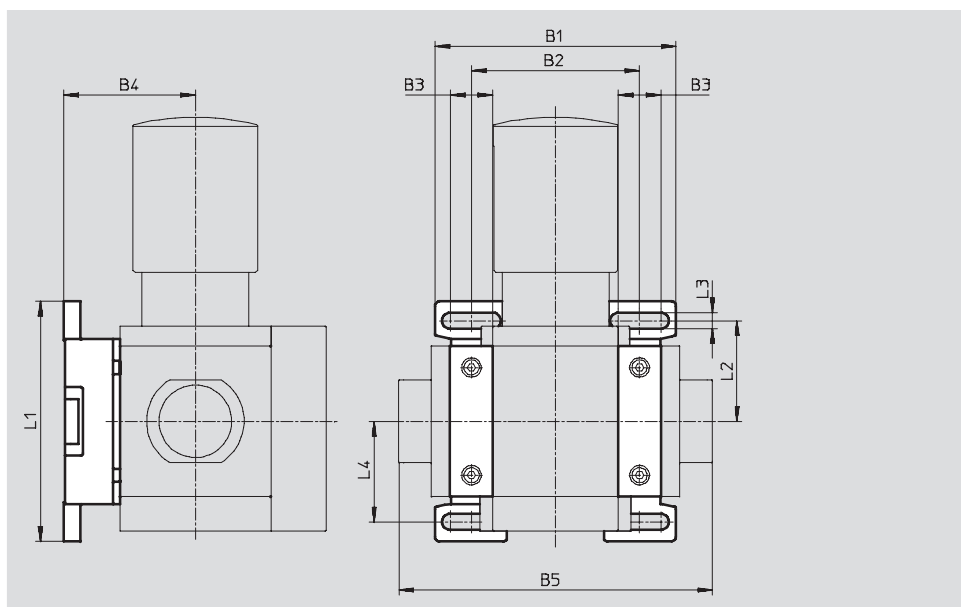
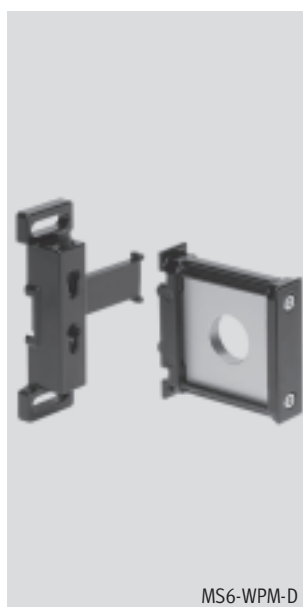
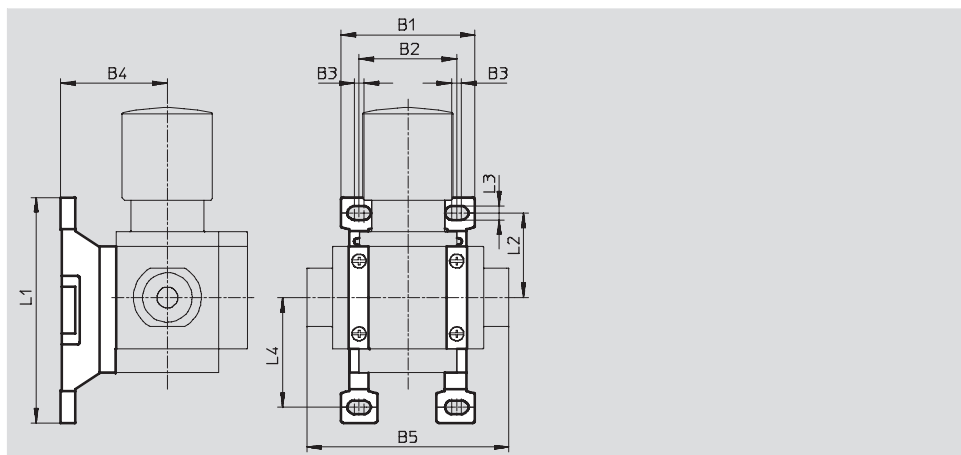
The distance piece D or 2D (designated in the type code) is included in the scope of delivery and ensures the correct clearance

Material:

Die-cast aluminium

Note on materials:

RoHS-compliant (MS6-WPM only)



| Dimensions and ordering data |      |      |      |      |       |      |      |     |      |           |            |          |            |
|------------------------------|------|------|------|------|-------|------|------|-----|------|-----------|------------|----------|------------|
| Size                         | B1   | B2   | B3   | B4   | B5    | L1   | L2   | L3  | L4   | Clearance | Weight [g] | Part No. | Type       |
| MS4                          | 55.2 | 40.2 | 4    | 44   | 83.4  | 92.8 | 34.8 | 5.6 | 45.2 | 40.2      | 45         | 526060   | MS4-WPM-D  |
|                              | 95.4 | 80.4 |      |      | 123.4 |      |      |     |      | 80.4      | 55         | 526061   | MS4-WPM-2D |
| MS6                          | 99   | 69   | 17.5 | 54.1 | 129   | 98.6 | 41.3 | 6.6 | 41.3 | 69        | 144        | 526073   | MS6-WPM-D  |
|                              | 168  | 138  |      |      | 198   |      |      |     |      | 138       | 154        | 532186   | MS6-WPM-2D |

## Accessories, MS series

Mounting attachments MS4/MS6

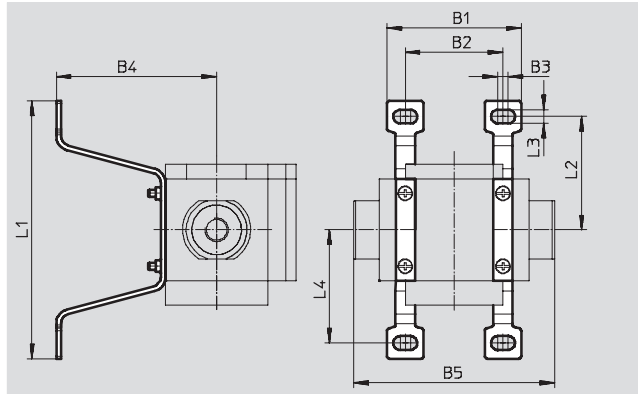
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### Mounting bracket MS4/6-WPE

- Inexpensive alternative to mounting bracket MS4/6-WPB

Note on materials:

RoHS-compliant



| Dimensions and ordering data |      |      |     |      |      |     |      |     |      |                   |          |         |
|------------------------------|------|------|-----|------|------|-----|------|-----|------|-------------------|----------|---------|
| Size                         | B1   | B2   | B3  | B4   | B5   | L1  | L2   | L3  | L4   | CRC <sup>1)</sup> | Part No. | Type    |
| MS4                          | 55.2 | 40.2 | 4.2 | 66   | 83.4 | 106 | 46.6 | 5.7 | 46.6 | 2                 | 558869   | MS4-WPE |
| MS6                          | 79   | 62   | 4.3 | 90.5 | 115  | 158 | 71   | 6.5 | 71   | 2                 | 1025936  | MS6-WPE |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

### Module connector MS4/6-MV

- For connecting modules

Material:

Stainless steel/polyacetal

Note on materials:

RoHS-compliant (MS6-MV only)

Free of copper and PTFE



| Ordering data                                |                   |            |          |           |
|--|-------------------|------------|----------|-----------|
| Size   | CRC <sup>1)</sup> | Weight [g] | Part No. | Type      |
| MS4  | 2                 | 36         | 532798   | MS4-MV    |
| MS6  | 2                 | 54         | 532799   | MS6-MV    |
| For use in explosive areas in zones 2 and 22 |                   |            |          |           |
| MS4  | 2                 | 36         | 541553   | MS4-MV-EX |
| MS6  | 2                 | 54         | 541543   | MS6-MV-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

# Accessories, MS series

Mounting attachments MS4/MS6

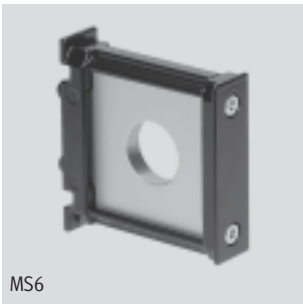


## Module connector MS4/6-MVM

- For installation of modules with regulating knob pointing downwards

Material:  
Die-cast aluminium

Note on materials:  
RoHS-compliant (MS6-MVM only)



| Ordering data |          |         |
|---------------|----------|---------|
| Size          | Part No. | Type    |
| MS4           | 532800   | MS4-MVM |
| MS6           | 532801   | MS6-MVM |

## Accessories, MS series

Mounting attachments MS9

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### Mounting bracket MS9-WP...

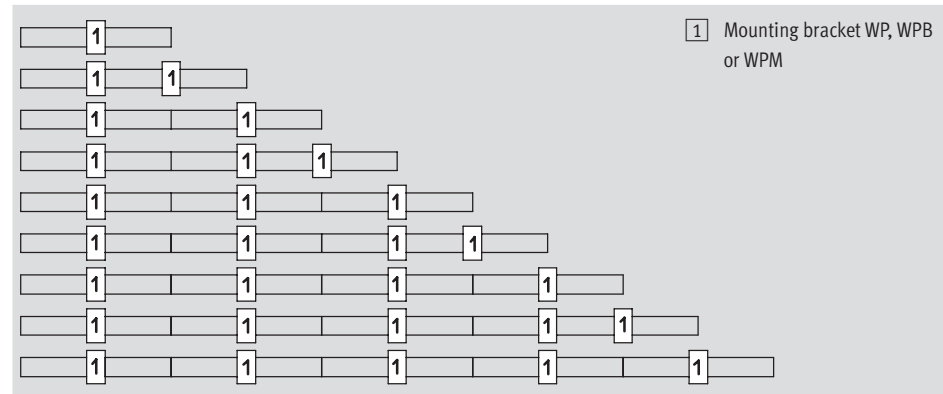
Clearances for mounting service unit combinations

1 service unit: 90 mm

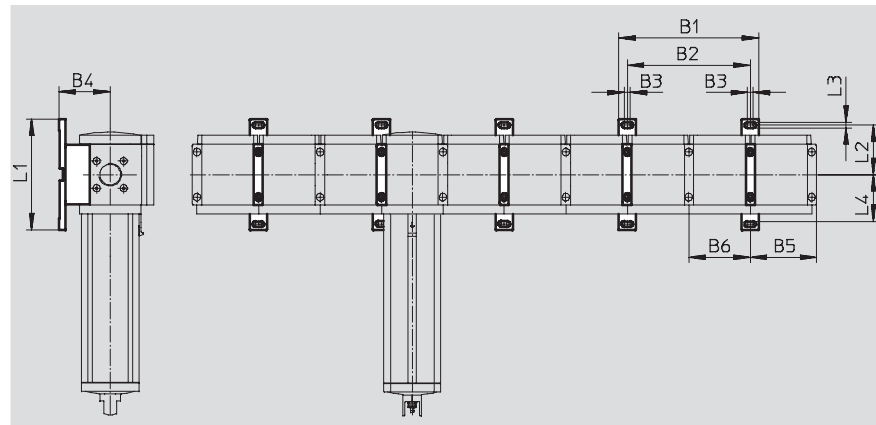
2 service units: 180 mm

Number of units

1 2 3 4 5 6 7 8 9 10



### Mounting dimensions



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

## Accessories, MS series

Mounting attachments MS9

### Mounting bracket MS9-WP

(order code: WP)

- For connecting modules via wall mounting
- In combination with a connecting plate MS9-AG... for individual wall mounting

Material:

Module connector, bracket,  
hollow bolt: Die-cast aluminium

Screws: Steel

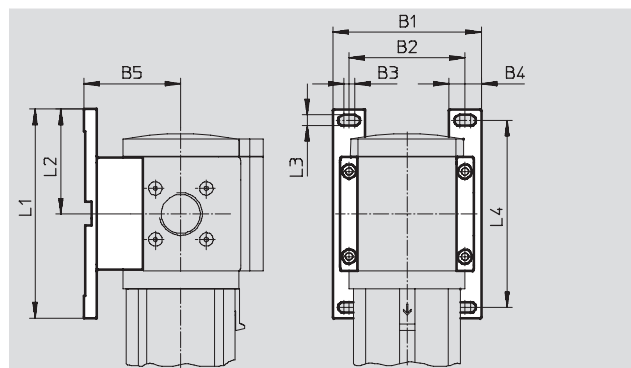
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |     |    |     |    |    |     |       |     |     |                   |            |               |
|------------------------------|-----|----|-----|----|----|-----|-------|-----|-----|-------------------|------------|---------------|
| Size                         | B1  | B2 | B3  | B4 | B5 | L1  | L2    | L3  | L4  | CRC <sup>1)</sup> | Weight [g] | Part No. Type |
| MS9                          | 115 | 90 | 8.5 | 25 | 75 | 162 | 81.25 | 8.3 | 145 | 2                 | 180        | 552947 MS9-WP |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

### Mounting bracket MS9-WPB

(order code: WPB)

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

Material:

Module connector, bracket,  
hollow bolt: Die-cast aluminium

Screws: Steel

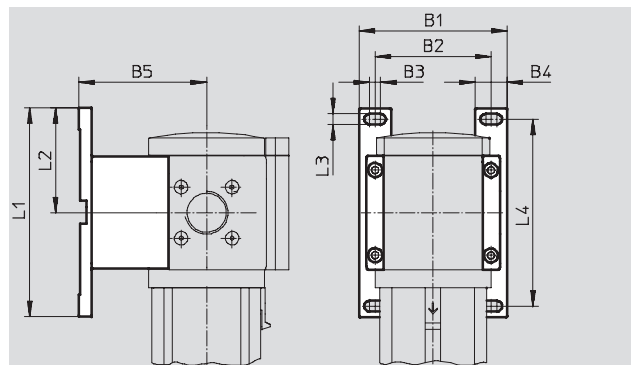
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |     |    |     |    |    |     |       |     |     |                   |            |                |
|------------------------------|-----|----|-----|----|----|-----|-------|-----|-----|-------------------|------------|----------------|
| Size                         | B1  | B2 | B3  | B4 | B5 | L1  | L2    | L3  | L4  | CRC <sup>1)</sup> | Weight [g] | Part No. Type  |
| MS9                          | 115 | 90 | 8.5 | 25 | 99 | 162 | 81.25 | 8.3 | 145 | 2                 | 210        | 552949 MS9-WPB |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS9

**FESTO**

### Mounting bracket MS9-WPM

(order code: WPM)

- For connecting modules via wall mounting
- In combination with a connecting plate MS9-AG... for individual wall mounting

- Speedy attachment and detachment
- 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 correct clearance.

Material:

Module connector, bracket, hollow

bolt: Die-cast aluminium

Screws: Steel

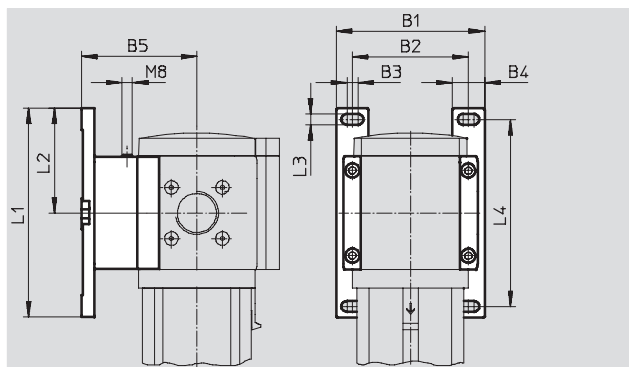
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |     |    |     |    |      |     |       |     |     |                   |            |                |
|------------------------------|-----|----|-----|----|------|-----|-------|-----|-----|-------------------|------------|----------------|
| Size                         | B1  | B2 | B3  | B4 | B5   | L1  | L2    | L3  | L4  | CRC <sup>1)</sup> | Weight [g] | Part No. Type  |
| MS9                          | 115 | 90 | 8.5 | 25 | 90.5 | 162 | 81.25 | 8.3 | 145 | 2                 | 220        | 552948 MS9-WPM |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

### Module connector MS9-MV

- For connecting modules

Material:

Module connector, hollow bolt:

Die-cast aluminium

Screws: Steel

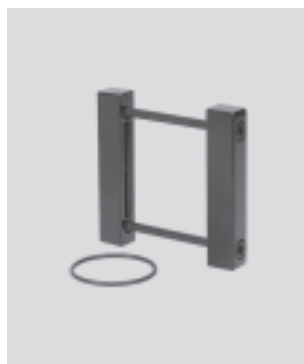
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



| Ordering data |                   |            |               |
|---------------|-------------------|------------|---------------|
| Size          | CRC <sup>1)</sup> | Weight [g] | Part No. Type |
| MS9           | 2                 | 110        | 552950 MS9-MV |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

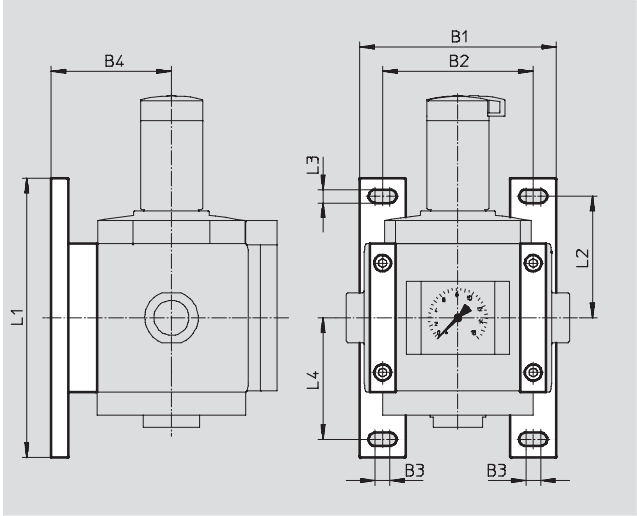
# Accessories, MS series

Mounting attachments MS12

## Mounting bracket MS12-WP (order code: WP)

- For connecting modules via wall mounting
- In combination with a connecting plate for individual wall mounting

Material:  
Die-cast aluminium  
Free of copper and PTFE



| Dimensions and ordering data |     |     |    |    |     |     |    |     |            |          |         |
|------------------------------|-----|-----|----|----|-----|-----|----|-----|------------|----------|---------|
| Size                         | B1  | B2  | B3 | B4 | L1  | L2  | L3 | L4  | Weight [g] | Part No. | Type    |
| MS12                         | 162 | 124 | 12 | 99 | 230 | 100 | 11 | 100 | 700        | 537133   | MS12-WP |

## Module connector MS12-MV

- For connecting modules

Material:  
Die-cast aluminium  
Free of copper and PTFE

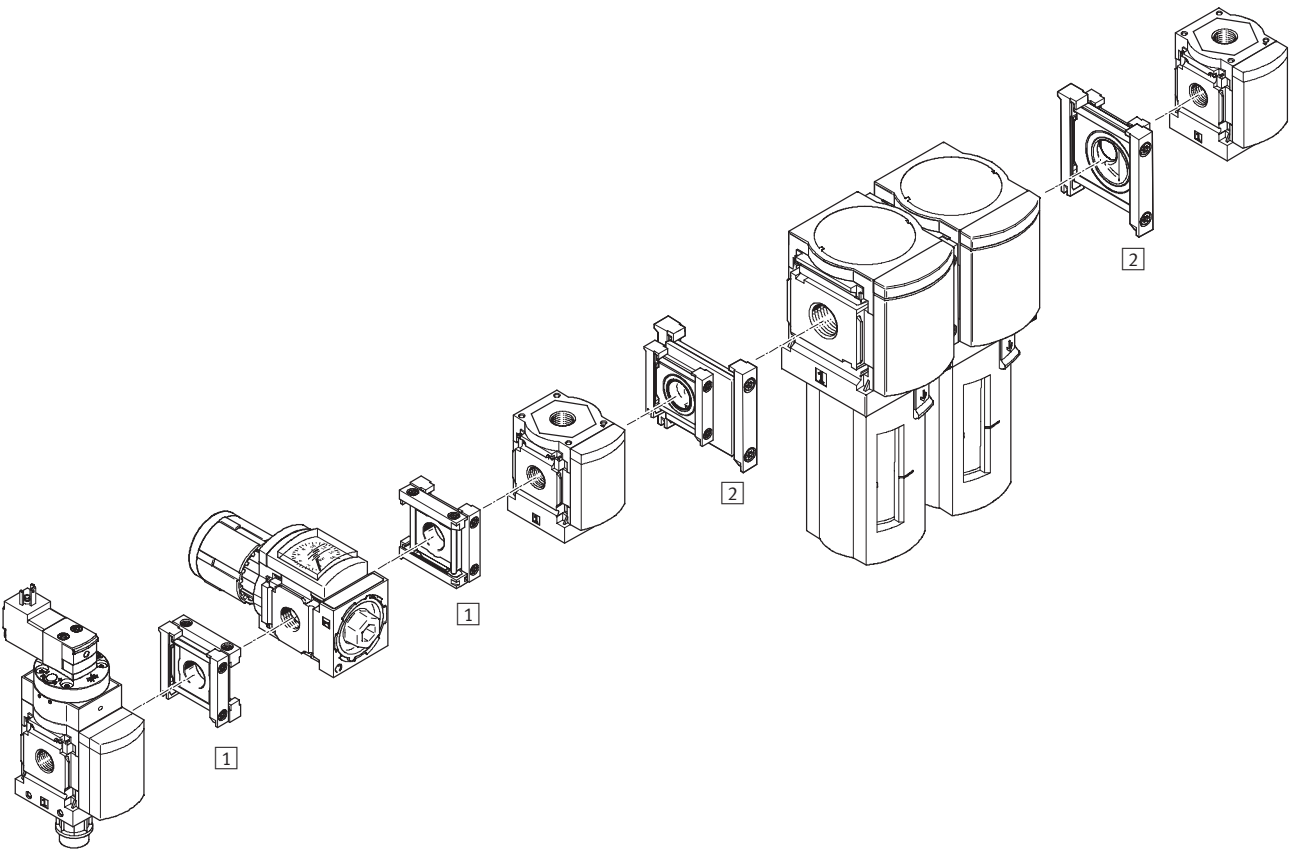


| Ordering data |            |          |         |
|---------------|------------|----------|---------|
| Size          | Weight [g] | Part No. | Type    |
| MS12          | 500        | 537134   | MS12-MV |

# Accessories, MS series

Mounting attachments MS4/MS6

FESTO



| Mounting attachments |                               | → Page/Internet |
|----------------------|-------------------------------|-----------------|
| 1                    | Module connector<br>MS4/6-RMV | 17              |
| 2                    | Module connector<br>MS4-6-AMV | 18              |

**Note**  
Mounting attachments for wall  
mounting → 6



## Accessories, MS series

Mounting attachments MS4/MS6

**FESTO**

### Module connector MS4/6-RMV

- For connecting service units at right angles to the axis of connection

Material:

Connecting plate, module connector:

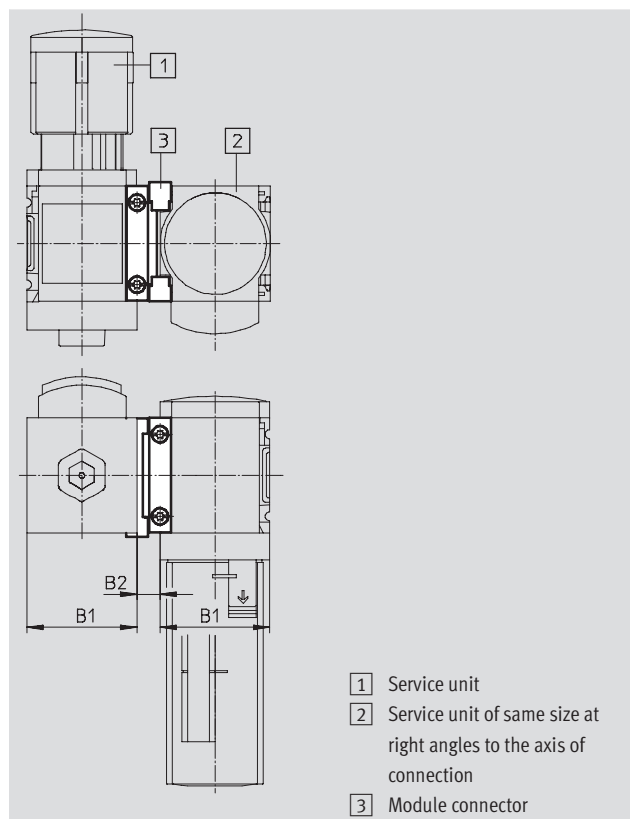
Die-cast aluminium

Sealing ring: Nitrile rubber

RoHS-compliant

Temperature of medium:

–10 ... +60 °C



| Dimensions and ordering data                 |      |     |                   |            |          |            |
|--|------|-----|-------------------|------------|----------|------------|
| Size   | B1   | B2  | CRC <sup>1)</sup> | Weight [g] | Part No. | Type       |
| MS4  | 40.2 | 8.5 | 2                 | 42         | 543490   | MS4-RMV    |
| MS6  | 62   | 11  | 2                 | 112        | 543491   | MS6-RMV    |
| For use in explosive areas in zones 2 and 22 |      |     |                   |            |          |            |
| MS4  | 40.2 | 8.5 | 2                 | 42         | 563393   | MS4-RMV-EX |
| MS6  | 62   | 11  | 2                 | 112        | 563394   | MS6-RMV-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Module connector MS4-6-AMV

- For connecting MS4 and MS6 service units into one unit

Material:

Connecting plate, module connector:

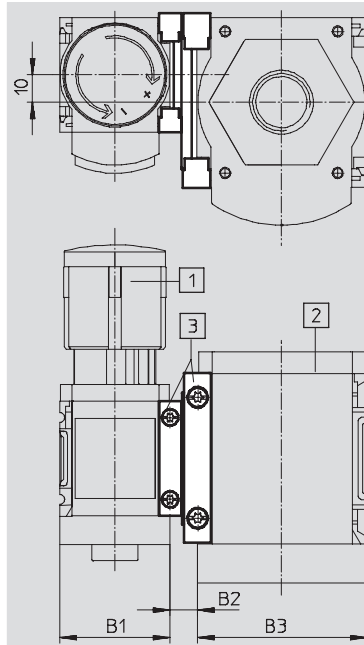
Die-cast aluminium

Sealing ring: Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



- 1 Service unit size MS4
- 2 Service unit size MS6
- 3 Module connector

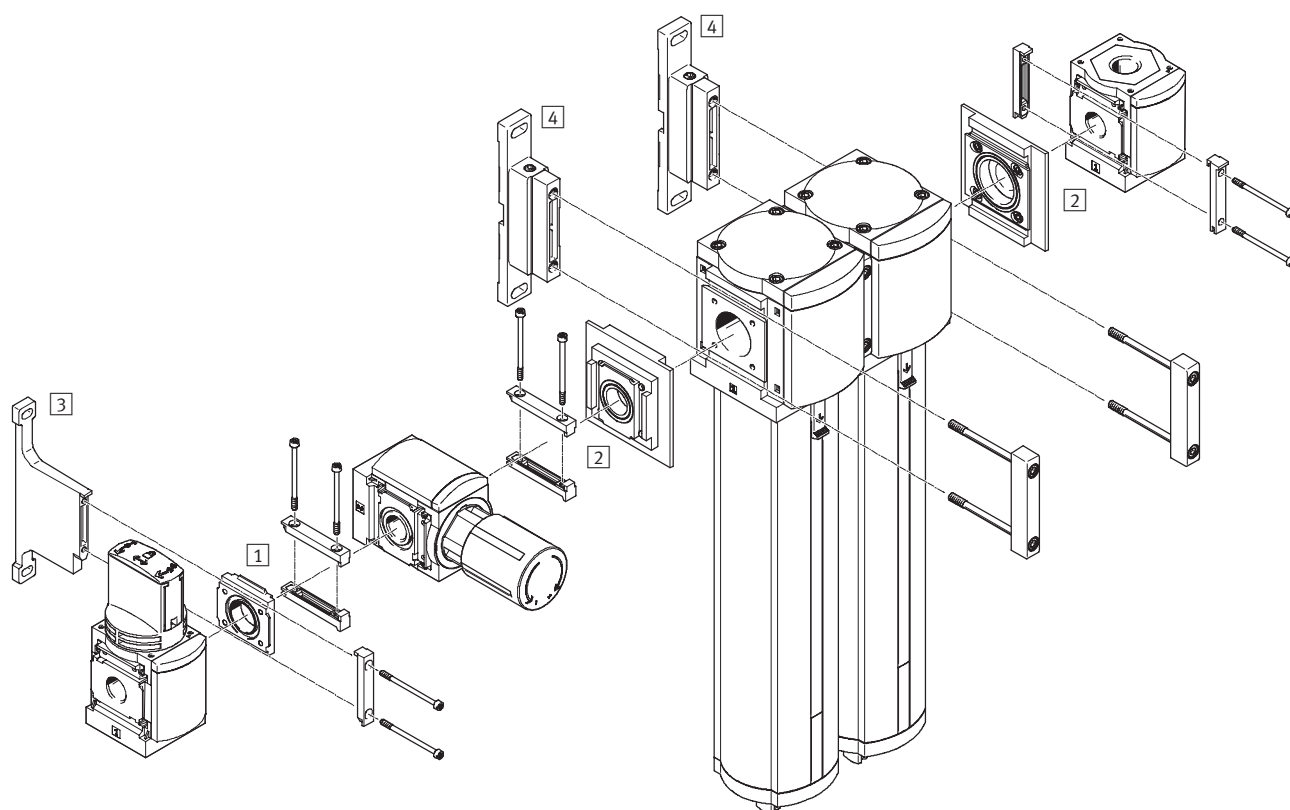
| Dimensions and ordering data                 |      |    |    |                   |            |          |              |
|--|------|----|----|-------------------|------------|----------|--------------|
| Size   | B1   | B2 | B3 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type         |
| MS4/6  | 40.2 | 10 | 62 | 2                 | 77         | 543489   | MS4-6-AMV    |
| For use in explosive areas in zones 2 and 22 |      |    |    |                   |            |          |              |
| MS4/6  | 40.2 | 10 | 62 | 2                 | 77         | 563392   | MS4-6-AMV-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS6/MS9



| Mounting attachments |                                | → Page/Internet |
|----------------------|--------------------------------|-----------------|
| 1                    | Module connector<br>MS6-RMV    | 17              |
| 2                    | Module connector<br>MS6-9-ARMV | 20              |
| 3                    | Mounting bracket<br>MS6-WPB    | 8               |
| 4                    | Mounting bracket<br>MS9-WPM    | 14              |

## Accessories, MS series

Module connector MS6/MS9

**FESTO**

### Module connector MS6-9-ARMV

- For connecting MS6 and MS9 service units into one unit
- Rotation of service unit at right angles to the axis of connection possible

Material:

Connecting plate, module connector:

Die-cast aluminium

Screws: Steel

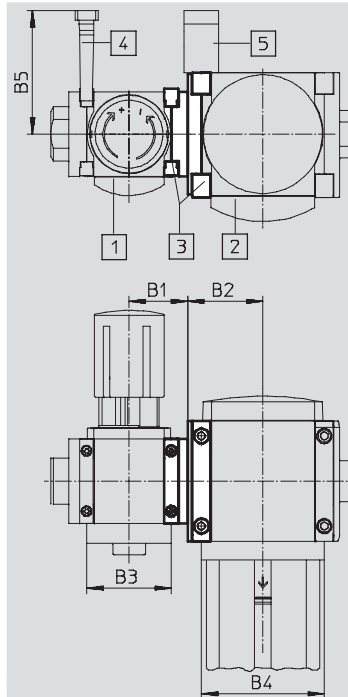
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



- 1 Service unit size MS6
- 2 Service unit size MS9
- 3 Module connector
- 4 Mounting bracket MS6-WPB
- 5 Mounting bracket MS9-WPM

### Note

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

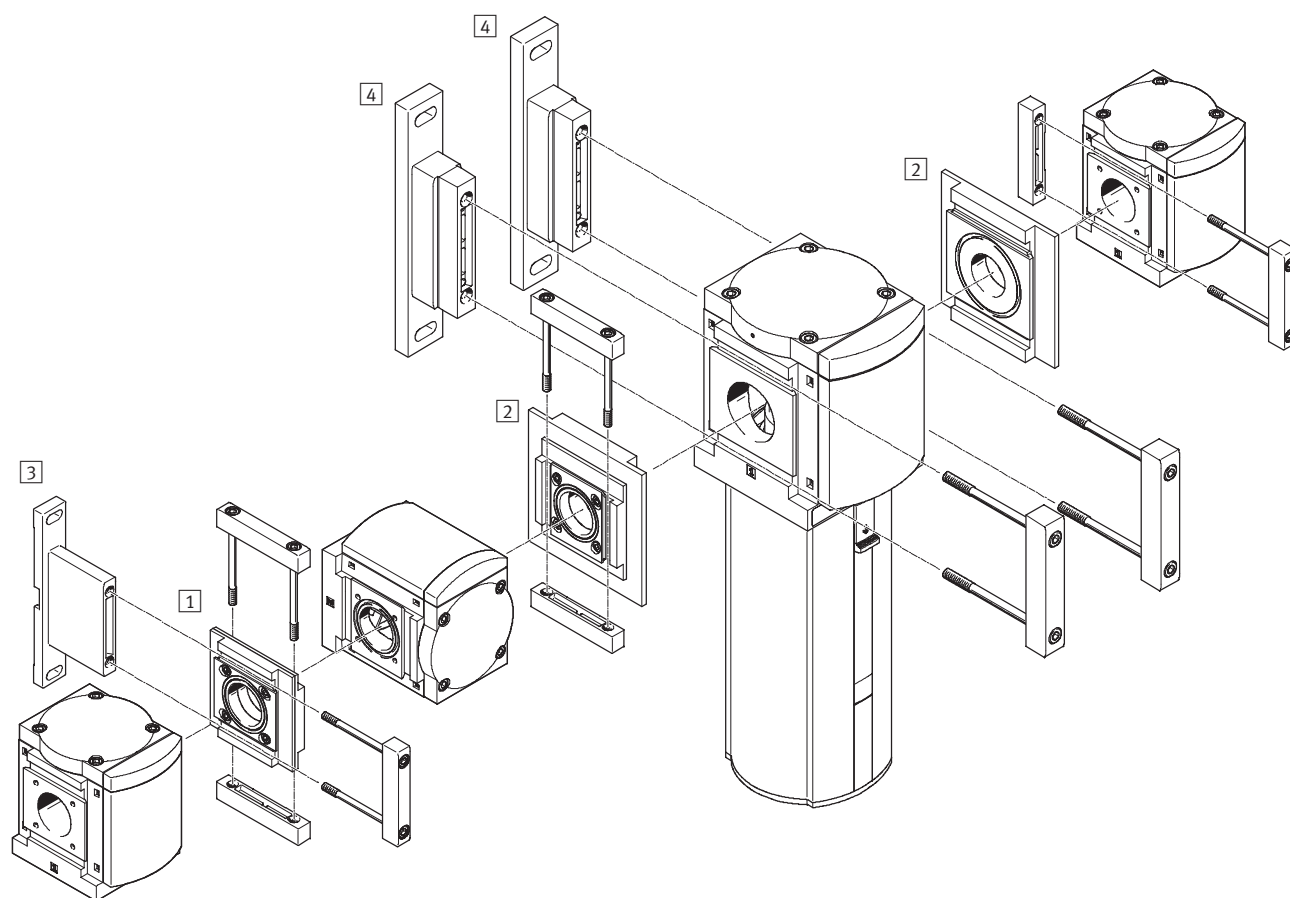
| Dimensions and ordering data |    |    |    |    |      |                   |            |          |            |
|------------------------------|----|----|----|----|------|-------------------|------------|----------|------------|
| Size                         | B1 | B2 | B3 | B4 | B5   | CRC <sup>1)</sup> | Weight [g] | Part No. | Type       |
| MS6/9                        | 43 | 55 | 62 | 90 | 90.5 | 2                 | 350        | 552951   | MS6-9-ARMV |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS9/MS12



| Mounting attachments |                                 | → Page/Internet |
|----------------------|---------------------------------|-----------------|
| 1                    | Module connector<br>MS9-RMV     | 22              |
| 2                    | Module connector<br>MS9-12-ARMV | 23              |
| 3                    | Mounting bracket<br>MS9-WPB     | 13              |
| 4                    | Mounting bracket<br>MS12-WP     | 15              |

## Accessories, MS series

Mounting attachments MS9/MS12

**FESTO**

### Module connector MS9-RMV

- For connecting service units at right angles to the axis of connection

Material:

Connecting plate, module connector:

Die-cast aluminium

Screws: Steel

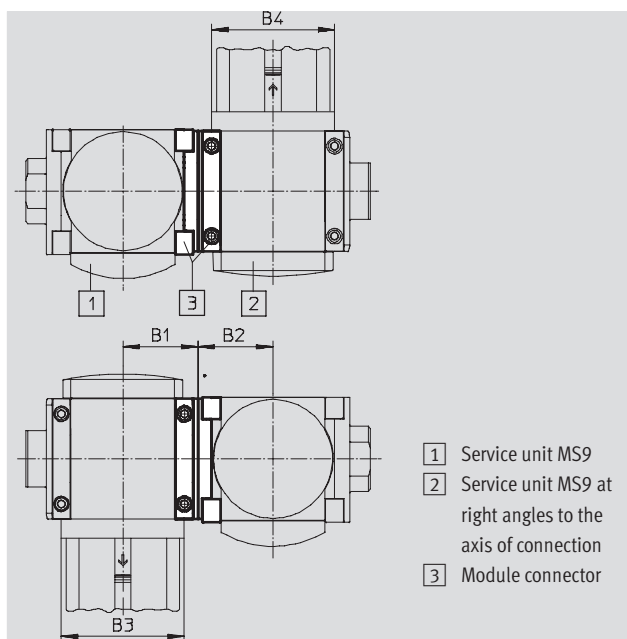
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



### Dimensions and ordering data

| Size | B1 | B2 | B3 | B4 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type    |
|------|----|----|----|----|-------------------|------------|----------|---------|
| MS9  | 55 | 55 | 90 | 90 | 2                 | 920        | 552952   | MS9-RMV |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS9/MS12

### Module connector MS9-12-ARMV

- For connecting MS9 and MS12 service units into one unit
- Rotation of service unit at right angles to the axis of connection possible

Material:

Connecting plate, module connector:

Die-cast aluminium

Screws: Steel

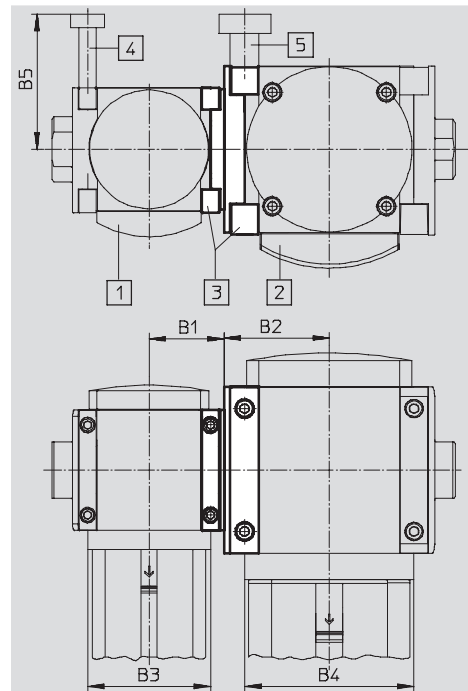
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



- 1 Service unit size MS9
- 2 Service unit size MS12
- 3 Module connector
- 4 Mounting bracket MS9-WPB
- 5 Mounting bracket MS12-WP

### Note

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

### Dimensions and ordering data

| Size   | B1 | B2 | B3 | B4  | B5 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type        |
|--------|----|----|----|-----|----|-------------------|------------|----------|-------------|
| MS9/12 | 55 | 77 | 90 | 124 | 99 | 2                 | 990        | 552953   | MS9-12-ARMV |

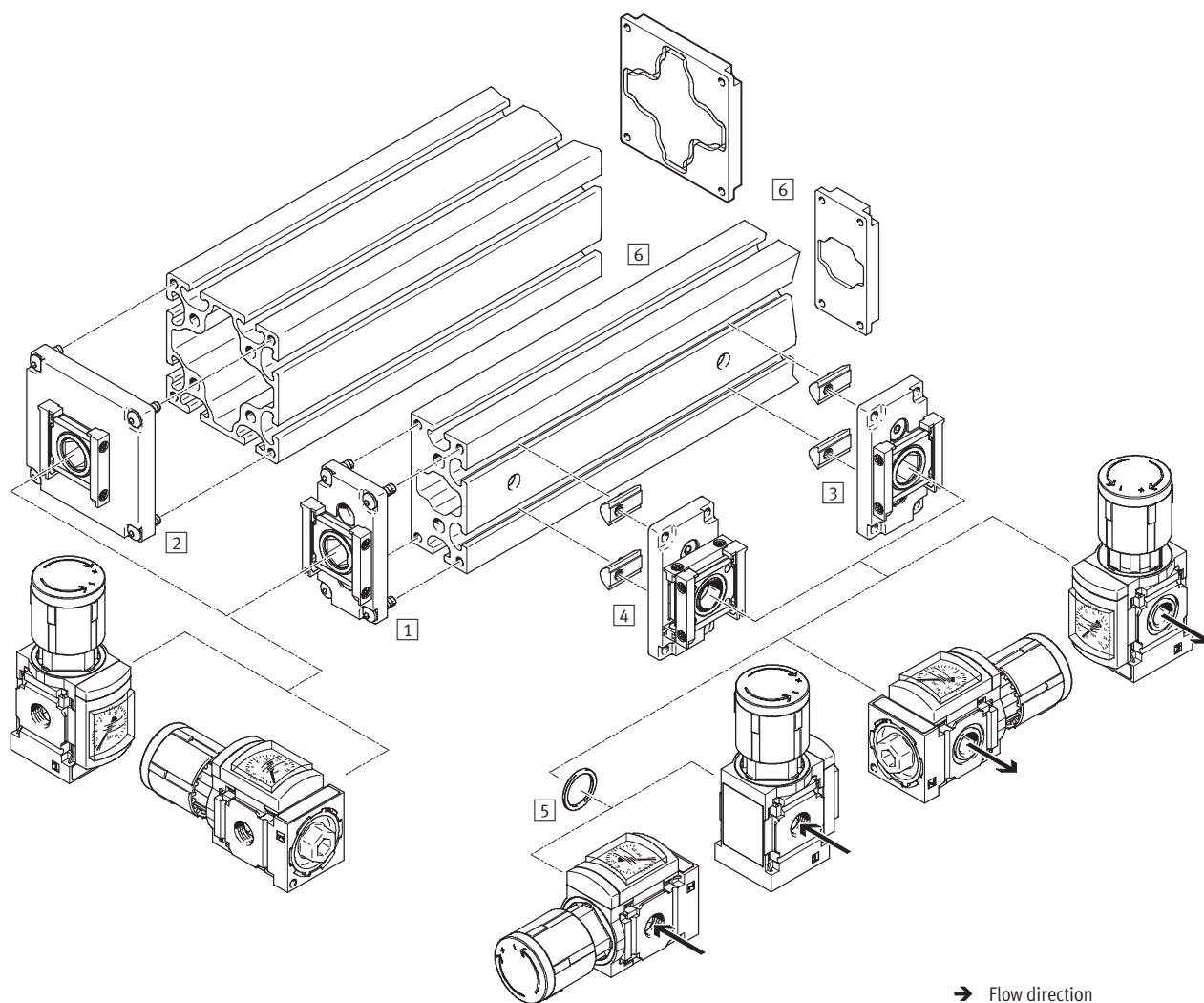
1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO



| Mounting attachments |  | → Page/Internet |
|----------------------|--|-----------------|
| 1                    | Power supply module<br>MS4/6-E-IPM-40-80                     | 25              |
| 2                    | Power supply module<br>MS4/6-E-IPM-80-80                     | 26              |
| 3                    | Branching module<br>MS4/6-A-IPM-80                           | 27              |
| 4                    | Branching module<br>MS4/6-A-RMV-IPM-80                       | 28              |
| 5                    | Sealing ring<br>MS4/6-NNR                                    | 29              |
| 6                    | Profile 40x80/80x80, cover plate, supply plate, drilling jig | On request      |

### Note

Further mounting attachments are required for mounting a service unit combination → 6



## Accessories, MS series

Mounting attachments MS4/MS6

**FESTO**

### Power supply module

#### MS4/6-E-IPM-40-80

- For mounting a service unit to the front of a profile of size 40x80
- Module connector can be repositioned by 90° for horizontal mounting of a service unit

Material:

Connecting plate, hollow bolt, module connector: Die-cast aluminium

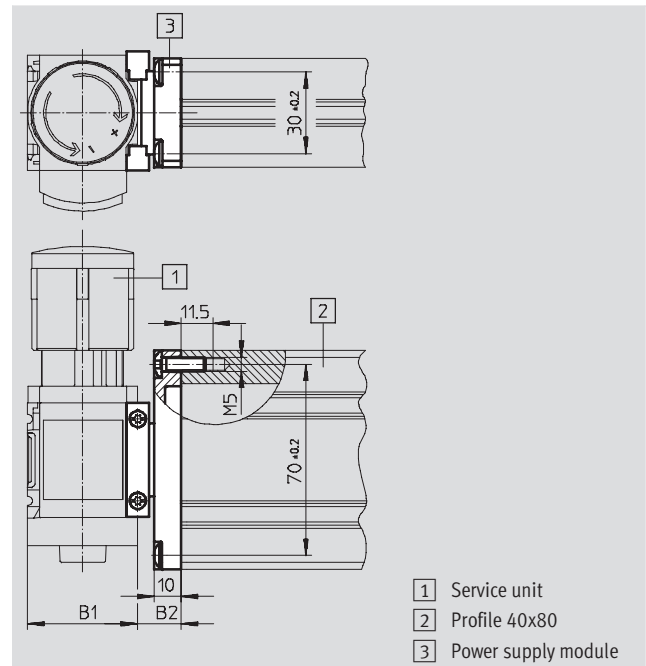
Screws: Steel

Seals: Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



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

| Dimensions and ordering data |      |    |                   |            |          |                 |
|------------------------------|------|----|-------------------|------------|----------|-----------------|
| Size                         | B1   | B2 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type            |
| MS4                          | 40.2 | 16 | 2                 | 109        | 543494   | MS4-E-IPM-40-80 |
| MS6                          | 62   | 16 | 2                 | 141        | 543496   | MS6-E-IPM-40-80 |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Power supply module

#### MS4/6-E-IPM-80-80

- For mounting a service unit to the front of a profile of size 80x80
- Module connector can be repositioned by 90° for horizontal mounting of a service unit

Material:

Connecting plate, hollow bolt, module

connector: Die-cast aluminium

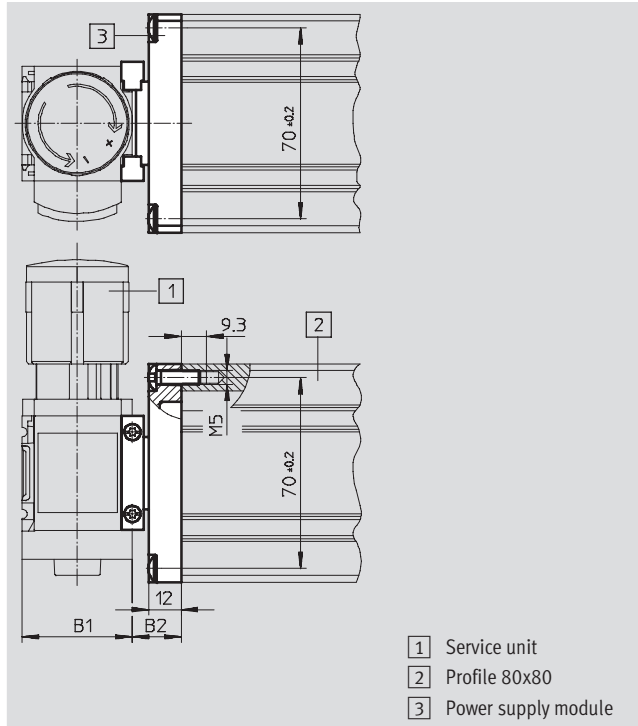
Screws: Steel

Seals: Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |      |    |                   |            |          |                 |
|------------------------------|------|----|-------------------|------------|----------|-----------------|
| Size                         | B1   | B2 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type            |
| MS4                          | 40.2 | 18 | 2                 | 186        | 543495   | MS4-E-IPM-80-80 |
| MS6                          | 62   | 18 | 2                 | 218        | 543497   | MS6-E-IPM-80-80 |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Branching module MS4/6-A-IPM-80

- For mounting a service unit on the long side of a profile
- Module connector can be repositioned by 90° for horizontal mounting of a service unit

Material:

Connecting plate, hollow bolt, module connector: Die-cast aluminium

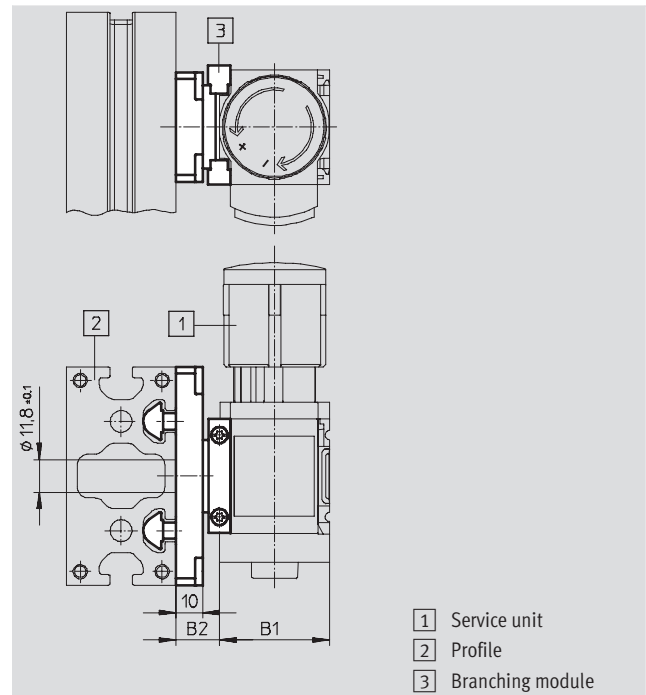
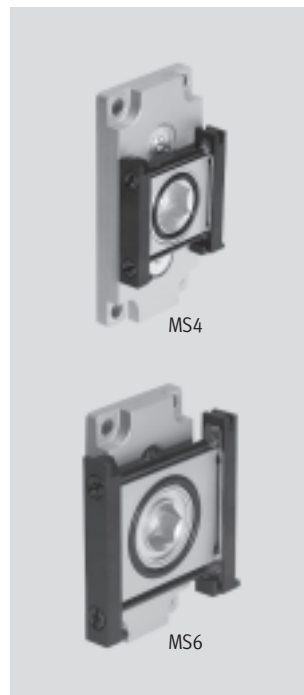
Screws: Steel

Seals: Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |      |    |                   |            |          |              |
|------------------------------|------|----|-------------------|------------|----------|--------------|
| Size                         | B1   | B2 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type         |
| MS4                          | 40.2 | 16 | 2                 | 124        | 543498   | MS4-A-IPM-80 |
| MS6                          | 62   | 16 | 2                 | 156        | 543499   | MS6-A-IPM-80 |

1) Corrosion resistance class 2 as per Festo standard 940 070  
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

FESTO

### Branching module

#### MS4/6-A-RMV-IPM-80

- For mounting a service unit on the long side of a profile
- Suitable for manifold mounting (the fittings on the module connector can be accessed from above for fast replacement of an individual component)
- Module connector can be repositioned by 90° for horizontal mounting of a service unit

Material:

Connecting plate, hollow bolt,

module connector:

Die-cast aluminium

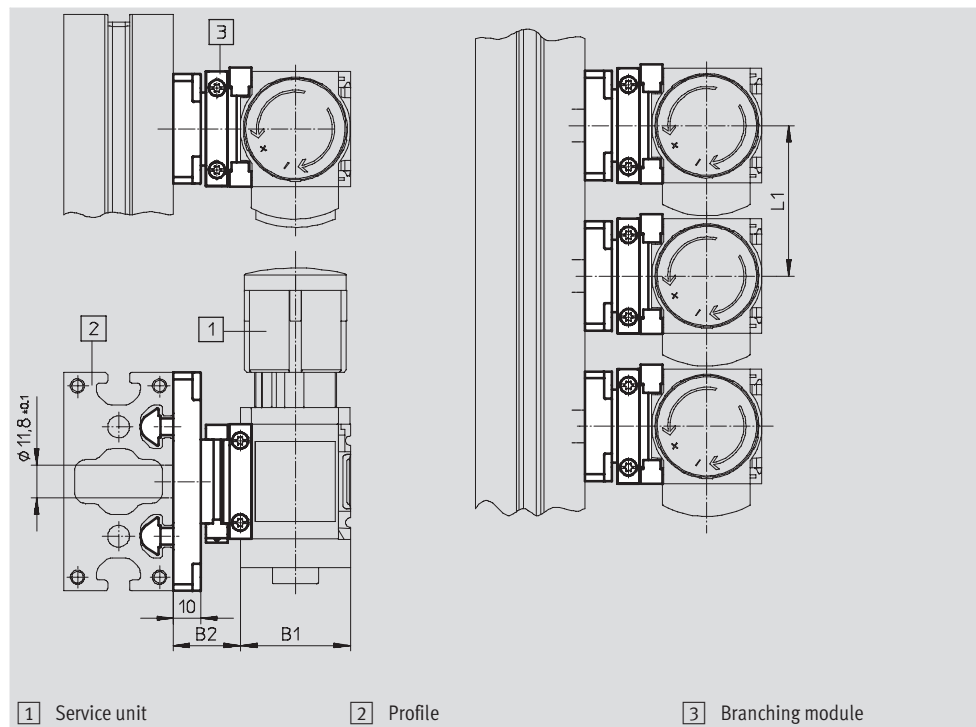
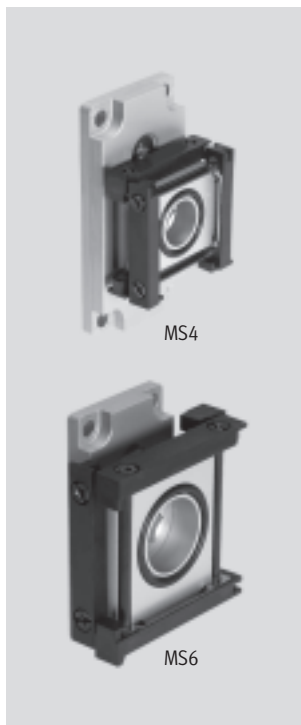
Screws: Steel

Seals: Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |      |      |    |                   |            |          |                  |
|------------------------------|------|------|----|-------------------|------------|----------|------------------|
| Size                         | B1   | B2   | L1 | CRC <sup>1)</sup> | Weight [g] | Part No. | Type             |
| MS4                          | 40.2 | 24.5 | 55 | 2                 | 150        | 543500   | MS4-A-RMV-IPM-80 |
| MS6                          | 62   | 27   | 77 | 2                 | 236        | 543501   | MS6-A-RMV-IPM-80 |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Mounting attachments MS4/MS6

### Sealing ring MS4/6-NNR

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

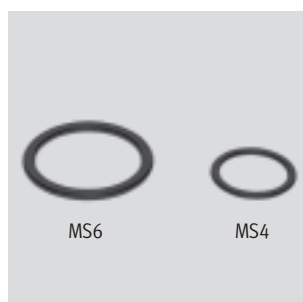
Material:

Nitrile rubber

RoHS-compliant

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |                   |          |         |
|------------------------------|-------------------|----------|---------|
| Size                         | CRC <sup>1)</sup> | Part No. | Type    |
| MS4                          | 2                 | 543492   | MS4-NNR |
| MS6                          | 2                 | 543493   | MS6-NNR |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Connecting plates MS4/MS6

**FESTO**

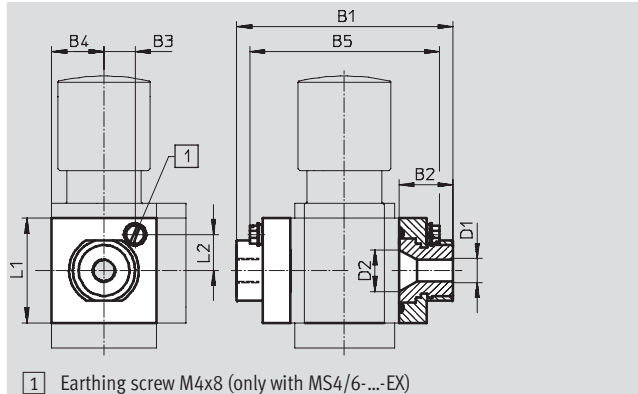
### Connecting plate MS4/6-AG...

(order code: AG...)

- Adapter for pneumatic connection
- MS6-AGE for implementing threaded connection G $\frac{3}{4}$

Material:  
Aluminium

Note on materials:  
RoHS-compliant (MS6-AG... only)  
Free of copper and PTFE



| Dimensions and ordering data                 |      |      |      |    |      |                               |      |    |      |                   |               |          |            |
|--|------|------|------|----|------|-------------------------------|------|----|------|-------------------|---------------|----------|------------|
| Size   | B1   | B2   | B3   | B4 | B5   | D1                            | D2   | L1 | L2   | CRC <sup>1)</sup> | Weight<br>[g] | Part No. | Type       |
| MS4  | 83.5 | 21.5 | –    | 21 | –    | G <sup>1</sup> / <sub>8</sub> | 16.8 | 42 | –    | 2                 | 128           | 526068   | MS4-AGA    |
|  |      |      |      |    |      | G <sup>1</sup> / <sub>4</sub> |      |    |      | 2                 | 128           | 526069   | MS4-AGB    |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>8</sub> |      |    |      | 2                 | 128           | 526070   | MS4-AGC    |
| MS6  | 115  | 26.5 | –    | 31 | –    | G <sup>1</sup> / <sub>4</sub> | 24   | 62 | –    | 2                 | 300           | 526080   | MS6-AGB    |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>8</sub> |      |    |      | 2                 | 300           | 526081   | MS6-AGC    |
|  |      |      |      |    |      | G <sup>1</sup> / <sub>2</sub> |      |    |      | 2                 | 300           | 526082   | MS6-AGD    |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>4</sub> |      |    |      | 2                 | 300           | 526083   | MS6-AGE    |
|  |      |      |      |    |      |                               |      |    |      |                   |               |          |            |
| For use in explosive areas in zones 2 and 22 |      |      |      |    |      |                               |      |    |      |                   |               |          |            |
| MS4  | 83.5 | 21.5 | 12.5 | 21 | 72.5 | G <sup>1</sup> / <sub>8</sub> | 16.8 | 42 | 14.5 | 2                 | 128           | 541549   | MS4-AGA-EX |
|  |      |      |      |    |      | G <sup>1</sup> / <sub>4</sub> |      |    |      | 2                 | 128           | 541550   | MS4-AGB-EX |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>8</sub> |      |    |      | 2                 | 128           | 541551   | MS4-AGC-EX |
| MS6  | 115  | 26.5 | 20.5 | 31 | 98.3 | G <sup>1</sup> / <sub>4</sub> | 24   | 62 | 15.5 | 2                 | 300           | 541538   | MS6-AGB-EX |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>8</sub> |      |    |      | 2                 | 300           | 541539   | MS6-AGC-EX |
|  |      |      |      |    |      | G <sup>1</sup> / <sub>2</sub> |      |    |      | 2                 | 300           | 541540   | MS6-AGD-EX |
|  |      |      |      |    |      | G <sup>3</sup> / <sub>4</sub> |      |    |      | 2                 | 300           | 541541   | MS6-AGE-EX |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

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

## Accessories, MS series

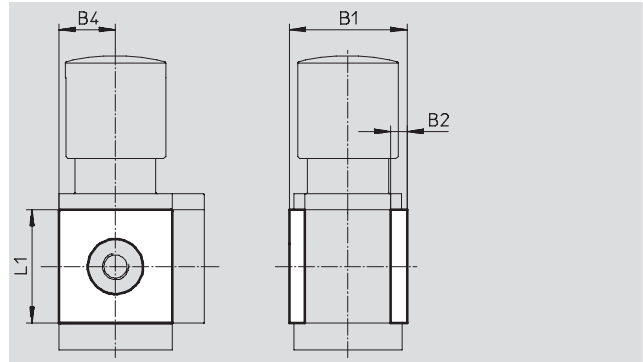
Connecting plates MS4/MS6

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### Cover plate MS4/6-END

- Can be used to cover the body sides of the first and last module if connecting plates are not used

Material:  
Reinforced polyamide  
Free of copper and PTFE



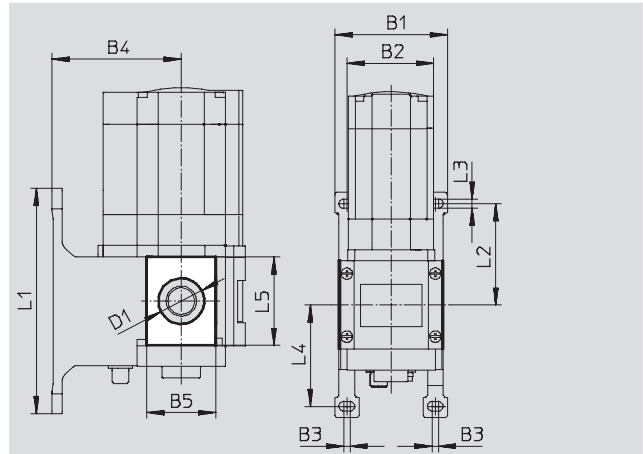
| Dimensions and ordering data |      |    |    |    |          |         |
|------------------------------|------|----|----|----|----------|---------|
| Size                         | B1   | B2 | B4 | L1 | Part No. | Type    |
| MS4                          | 43.6 | 6  | 21 | 42 | 538779   | MS4-END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

### Mounting plate MS4/6-AEND

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

- In combination with mounting bracket MS-WP or MS-WPB for individual wall mounting via direct thread

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



| Dimensions and ordering data |      |      |     |    |      |      |      |     |      |     |      |    |                   |               |          |          |
|------------------------------|------|------|-----|----|------|------|------|-----|------|-----|------|----|-------------------|---------------|----------|----------|
| Size                         | B1   | B2   | B3  | B4 |      | B5   | D1   | L1  | L2   | L3  | L4   | L5 | CRC <sup>1)</sup> | Weight<br>[g] | Part No. | Type     |
|                              |      |      |     | WP | WPB  |      |      |     |      |     |      |    |                   |               |          |          |
| 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 2 as per Festo standard 940 070  
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

## Accessories, MS series

Connecting plates MS9

**FESTO**

### Connecting plate MS9-AG...

(order code: AG...)

- Adapter for pneumatic connection

Material:

Connecting plate, hollow bolt:

Die-cast aluminium

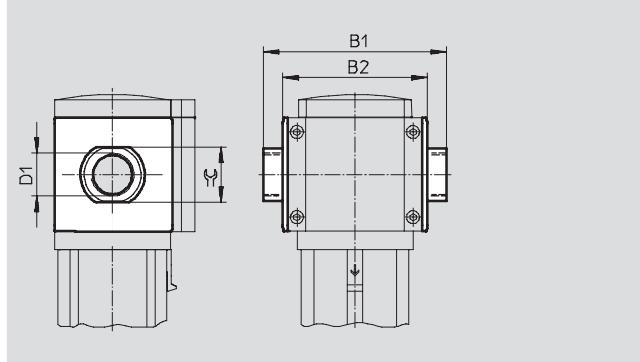
Seals: Nitrile rubber

RoHS-compliant

Free of copper and PTFE

Temperature of medium:

-10 ... +60 °C



| Dimensions and ordering data |     |     |        |    |       |               |          |         |
|------------------------------|-----|-----|--------|----|-------|---------------|----------|---------|
| Size                         | B1  | B2  | D1     | ≅  | KBK1) | Weight<br>[g] | Part No. | Type    |
| MS9                          | 132 | 112 | G1/2   | 30 | 2     | 300           | 552954   | MS9-AGD |
|                              | 132 | 112 | G3/4   | 36 | 2     | 300           | 552955   | MS9-AGE |
|                              | 142 | 112 | G1     | 41 | 2     | 300           | 552956   | MS9-AGF |
|                              | 162 | 112 | G1 1/4 | 50 | 2     | 400           | 552957   | MS9-AGG |
|                              | 176 | 112 | G1 1/2 | 55 | 2     | 400           | 552958   | MS9-AGH |

1) Corrosion resistance class 2 as per Festo standard 940 070

Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

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



# Accessories, MS series

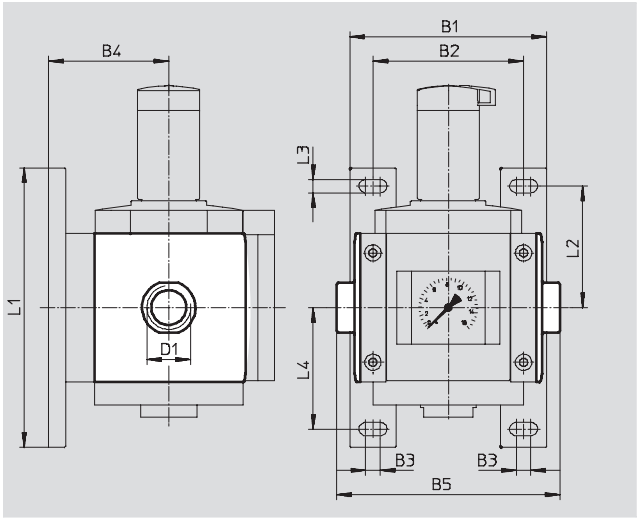


Connecting plates MS12

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

- Adapter for pneumatic connection

Material:  
Die-cast aluminium  
Free of copper and PTFE



| Dimensions and ordering data |     |     |    |    |     |     |     |     |    |     |            |          |          |
|------------------------------|-----|-----|----|----|-----|-----|-----|-----|----|-----|------------|----------|----------|
| Size                         | B1  | B2  | B3 | B4 | B5  | D1  | L1  | L2  | L3 | L4  | Weight [g] | Part No. | Type     |
| MS12                         | 162 | 124 | 12 | 99 | 184 | G1  | 230 | 100 | 11 | 100 | 1,300      | 537135   | MS12-AGF |
|                              |     |     |    |    | 184 | G1¼ |     |     |    |     |            | 537136   | MS12-AGG |
|                              |     |     |    |    | 184 | G1½ |     |     |    |     |            | 537137   | MS12-AGH |
|                              |     |     |    |    | 196 | G2  |     |     |    |     |            | 537138   | MS12-AGI |

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

## Accessories, MS series

Security components MS4/MS6/MS9/MS12

**FESTO**

### Padlock LRVS-D

Material:

Housing: Brass

Ambient temperature:

-20 ... +60 °C



| Ordering data        |               |          |        |
|----------------------|---------------|----------|--------|
| Size                 | Weight<br>[g] | Part No. | Type   |
| MS4/MS6/<br>MS9/MS12 | 120           | 193786   | LRVS-D |

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