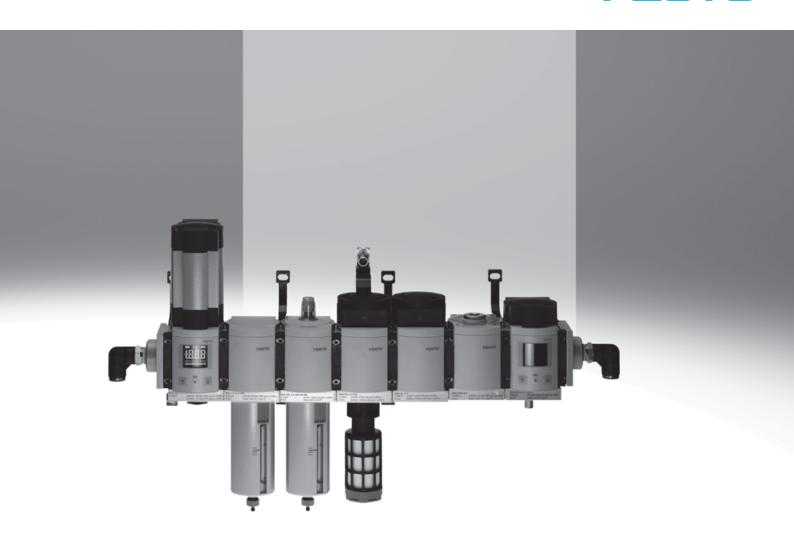
FESTO



★/★ Festo core product range

Covers 80% of your automation tasks

Worldwide: Always in stock

Superb: Festo quality at an attractive price
Easy: Reduces procurement and storing complexity

★ Ready for dispatch from the Festo factory in 24 hours Held in stock in 13 service centres worldwide More than 2200 products

Ready for dispatch in 5 days maximum from stock
Assembled for you in 4 service centres worldwide
Up to 6 x 10¹² variants per product series



Туре		Accessories for size				
		MS4	MS6	MS9	MS12	
Mounting attachment	s for individual d	evices			<u>'</u>	
Mounting bracket			_			
MS-WB		■ LEERER MERKER	→ LEERER MERKER	-	-	
Mounting bracket MS-WBM		■ → LEERER MERKER	-	-	-	
Mounting bracket MS-WR		■ → LEERER MERKER	■ → LEERER MERKER	-	-	
Hex nut MS-WRS		■ → LEERER MERKER	■ • LEERER MERKER	-	-	
Mounting attachment	s for individual d	evices/combinations				
Mounting bracket MS-WP		■ → LEERER MERKER	■ → LEERER MERKER	■ → LEERER MERKER	■ LEERER MERKER	
Mounting bracket MS-WPB		■ → LEERER MERKER	■ → LEERER MERKER	■ → LEERER MERKER	-	
Mounting bracket MS-WPM		■ → 12	■ → 12	■ → LEERER MERKER	-	
Mounting bracket MS-WPE	Tion:	■ → LEERER MERKER	■ → LEERER MERKER	-	-	
Wall mounting-SET MS-WPG		-	■ → LEERER MERKER	-	-	
Connectors						
Module connector	8					
MS-MV		■ → 14	■ → 14	→ 20	■ → 22	
Module connector MS-MVM		■ → 14	■ → 14	-	-	
Module connector MS-RMV		■ → 23	■ → 23	■ → 29	-	
Module connector MS-AMV		■ → 23	■ → 23	-	-	
		-	■ → 26	■ → 26	-	
Module connector MS-ARMV		-	■ → 26	■ → 26, 29	■ → 29	

2

Accessories, MS series Product range overview



3

Туре		Accessories for size								
		MS4	MS6	MS9	MS12					
Adapters for mounting o	n profiles									
Power supply modules	<i>6</i>									
MS-E-IPM-40-80		→ 32	→ 32	-	-					
Power supply modules	F	•	•							
MS-E-IPM-80-80		→ 32	→ 32	-	-					
Branching modules	6	_	_							
MS-A-IPM-80		■ → 32	■ → 32	-	_					
Branching modules	8	_	_							
MS-A-RMV-IPM-80		■ → 32	■ → 32	-	_					
Sealing rings		_								
MS-NNR	0	→ 32	→ 32	-	-					
Cover plates										
Connecting plate-SET										
MS-AG/MS-AQ		→ LEERER MERKER	→ LEERER MERKER	→ LEERER MERKER	→ LEERER MERKER					
Cover plate	ĥb.	_	•							
MS-END		→ LEERER MERKER	→ LEERER MERKER	-	_					
Mounting plate		•	•							
MS-AEND		→ LEERER MERKER	→ LEERER MERKER	-	-					
Security components										
Padlock										
LRVS-D		→ 42	→ 42	→ 42	→ 42					

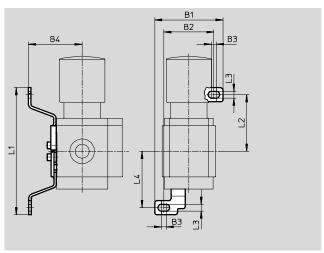
FESTO

Mounting bracket MS4/6-WB

(order code: WB)

• For wall mounting





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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimensions and ordering data											
Size	B1	B2	В3	B4	L1	L2	L3	L4	Weight [g]	Part No.	Туре
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

[☆] Ready for dispatch in 5 days maximum from stock

FESTO

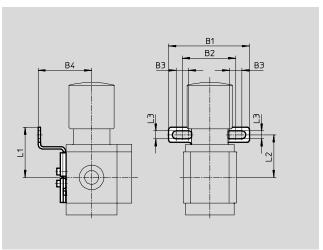
5

Mounting bracket MS4-WBM

(order code: WBM)

• For wall mounting





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

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

FESTO

Mounting bracket MS4/6-WR

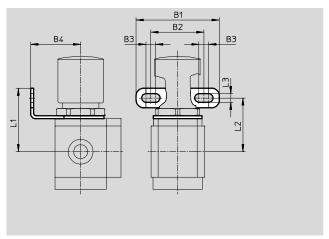
(order code: WR)

- For wall mounting
- For filter regulator, pressure regulator



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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimensions ar	nd ordering d	ata								
Size	B1	B2	В3	B4	L1	L2	L3	Weight	Part No.	Type
								[g]		
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

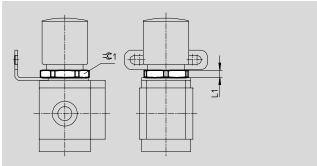
- ★ Ready for dispatch from the Festo factory in 24 hours
- Ready for dispatch in 5 days maximum from stock

FESTO

Hex nut MS4/6-WRS

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmospheric sphere typical for industrial applications.

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

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

Mounting attachments MS4/MS6

Mounting bracket MS4/6-WP...

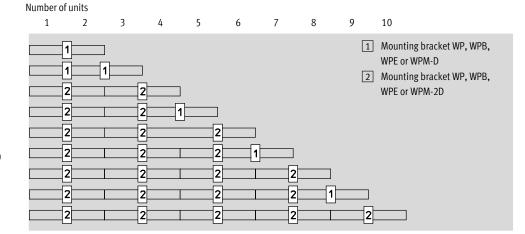
Clearances for mounting service unit combinations

Size MS4

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

Size MS6

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

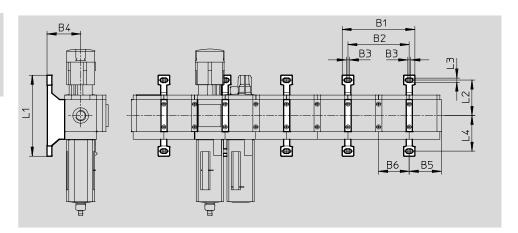


1) With distributor block MS-FRM-FRZ

Mounting dimensions



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



	2 service units with grid dimension		with dimens 1 dist blo	ice unit I grid	blocks and MS-FRM-FRZ r				Service unit with grid dimension		Distributor block MS-FRM- FRZ					
Туре	B1	B2	B1	B2	B1	B2	В3	B4	B5 ¹⁾	В6	B5 ¹⁾	В6	L1	L2	L3	L4
MS4-WP								44					106	46.5		46.7
MS4-WPB/WPE	95.4	80.4	75.3	60.3	55.2	40.2	4	66	41.9	40.2	21.8	20.1	100	40.5	5.6	40.7
MS4-WPMD								44					92.8	34.8		45.2
MS6-WP	141	124	110	93	79	62	4.5	54.1	64.5	62	33.5	31	158	71		71
MS6-WPB/WPE	141	124	110	23	19	02	4.5	90.5	04.5	02	ررر)1	130	/1	6.6	/ 1
MS6-WPMD	168	138	137	107	106	76	17.5	54.1	68	69	37	38	98.6	41.3		41.3

¹⁾ With accessory cover plate MS-END

Mounting attachments MS4/MS6

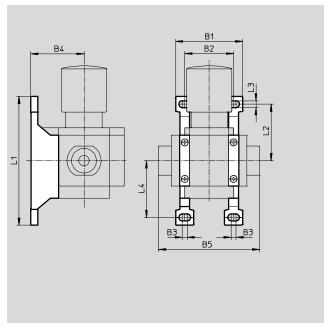
FESTO

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
- Same wall gap for combination with MS4 and MS6 series





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

Corrosion resistance class CRC 2 to Festo standard FN 940070
 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimensions a	Dimensions and ordering data											
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Weight [g]	Part No.	Туре
MS4	55.2	40.2	4	44	83.4	106	46.5	5.6	46.7	39	★ 532184	MS4-WP
MS6	79	62	4.5	54.1	115	158	71	6.6	71	76	★ 532195	MS6-WP
For use in expl	osive area	s in zones	2 and 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

- ★ Ready for dispatch from the Festo factory in 24 hours
- ★ Ready for dispatch in 5 days maximum from stock

Mounting attachments MS4/MS6

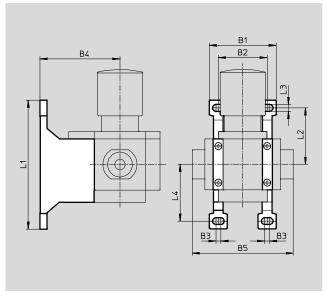
FESTO

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





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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimensions a	imensions and ordering data											
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Weight [g]	Part No.	Туре
										101		
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 expl	osive area	s in zones	2 and 22									
MS4	55.2	40.2	4	66	83.4	106	46.5	5.6	46.7	55	541552	MS4-WPB-EX
MS6	79	62	4.5	90.5	115	158	71	6.6	71	115	541542	MS6-WPB-EX

- ★ Ready for dispatch from the Festo factory in 24 hours
- ★ Ready for dispatch in 5 days maximum from stock

Mounting attachments MS4/MS6

FESTO

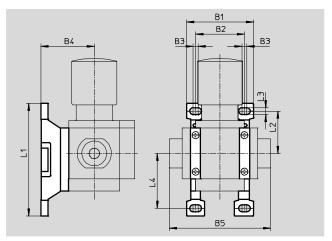
Mounting bracket MS4-WPM

(order code: WPM)

- For connecting modules via wall mounting
- In combination with a connecting plate MS4-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





Operating and environmental conditions	perating and environmental conditions									
Temperature of medium [°C]	-10 +60									
Corrosion resistance class CRC ¹⁾	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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimensions a	Dimensions and ordering data												
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Clearance	Weight	Part No.	Type
											[g]		
MS4	55.2	40.2	/	4.4	83.4	92.8	34.8	E 4	45.2	40.2	45	★ 526060	MS4-WPM-D
	95.4	80.4	4	44	123.4	92.0	<i>)</i> 4.0	5.6	45.2	80.4	55	526061	MS4-WPM-2D

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

Mounting attachments MS4/MS6

FESTO

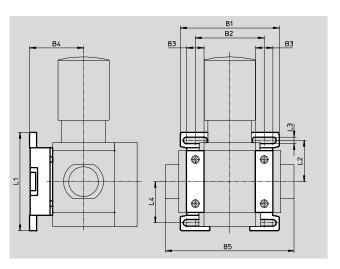
Mounting bracket MS6-WPM

(order code: WPM)

- For connecting modules via wall mounting
- In combination with a connecting plate MS6-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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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 product range

Dimensions and ordering data													
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Clearance	Weight	Part No.	Type
											[g]		
MS6	99	69	17.5	54.1	129	98.6	41.3	6.6	41.3	69	144	★ 526073	MS6-WPM-D
	168	138	17.5	54.1	198	90.0	41.)	6.6	41.5	138	154	532186	MS6-WPM-2D

Ready for dispatch in 5 days maximum from stock

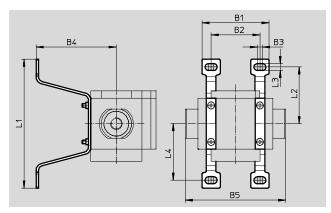
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Mounting bracket MS4/6-WPE

• Inexpensive alternative to mounting bracket MS4/6-WPB

Note on materials: RoHS-compliant





Dimensions and ordering data												
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	CRC ¹⁾	Part No.	Туре
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 CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Mounting attachments MS4/MS6

FESTO

Wall mounting-SET MS6-WPG

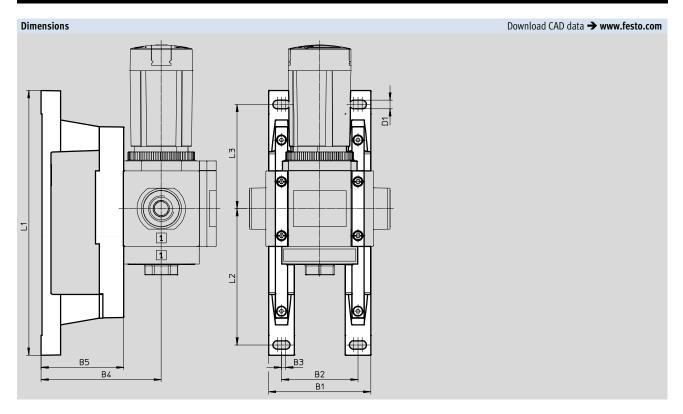
- For connecting modules via wall mounting
- Same wall gap for combination with MS6 and MSE6 series



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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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



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

FESTO

Module connector MS4/6-MV

For connecting 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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere. $sphere\ typical\ for\ industrial\ applications.$

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

★ Core product range

Ordering data			
Size	Weight	Part No.	Туре
	[g]		
MS4	36	★ 532798	MS4-MV
MS6	54	★ 532799	MS6-MV
For use in explosive areas in zones 2 and 22			
MS4	36	541553	MS4-MV-EX
MS6	54	541543	MS6-MV-EX

Mounting attachments MS4/MS6

FESTO

Module connector MS4/6-MVM

• For installation of modules with regulating knob pointing downwards





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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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 product range

Ordering data			
Size	Weight	Part No.	Type
	[g]		
MS4	19	★ 532800	MS4-MVM
MS6	89	★ 532801	MS6-MVM

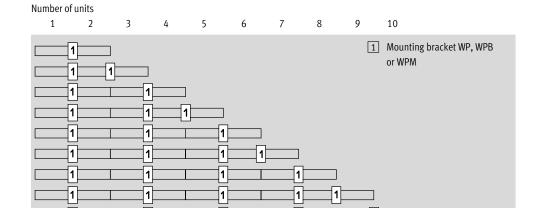


Mounting bracket MS9-WP...

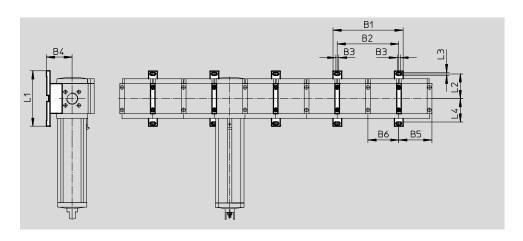
Clearances for mounting service unit combinations

1 service unit: 90 mm

2 service units: 180 mm



Mounting dimensions



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

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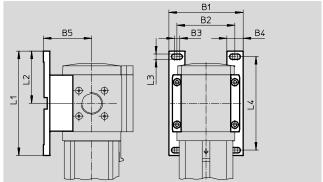
Mounting attachments MS9

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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 ar	nd ordering	g data										
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Weight [g]	Part No.	Туре
MS9	115	90	8.5	25	75	162	81.25	8.3	145	180	552947	MS9-WP

· 🏻 -

Note

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

Mounting attachments MS9

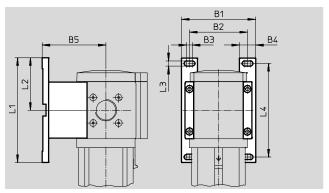
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Mounting bracket MS9-WPB

(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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

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

- ∰ - Note

The housing of the on-off valves MS9-EM or MS9-EE partially cover the screws for the wall bracket on the reverse side. 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.

FESTO

Mounting attachments MS9

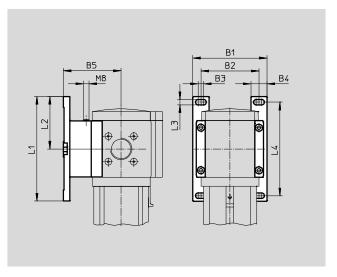
Mounting bracket MS9-WPM

(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.





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions and ordering data												
Size	B1	B2	В3	B4	B5	L1	L2	L3	L4	Weight [g]	Part No.	Type
MS9	115	90	8.5	25	90.5	162	81.25	8.3	145	220	552948	MS9-WPM

FESTO

Module connector MS9-MV

• For connecting 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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

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

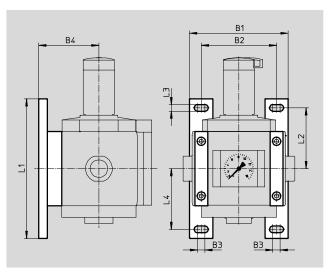
FESTO

Mounting bracket MS12-WP

(order code: WP)

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





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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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											
Size	B1	B2	В3	B4	L1	L2	L3	L4	Weight [g]	Part No.	Туре
MS12	162	124	12	99	230	100	11	100	700	537133	MS12-WP

FESTO

Module connector MS12-MV

• For connecting modules



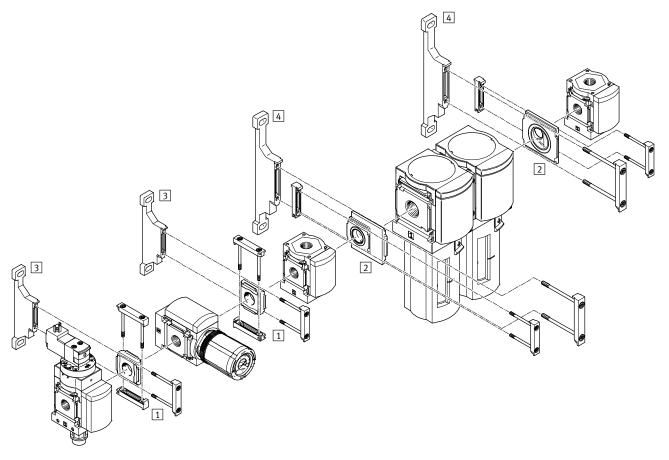
Operating and environmenta	Operating and environmental conditions				
Temperature of medium	[°C]	-10 +60			
Storage temperature	[°C]	-10 +60			
Corrosion resistance class CRC ¹⁾		2			

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress, indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

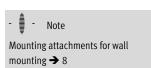
Materials	Materials			
Plate	Die-cast aluminium			
Screws	Steel			
Seals	NBR			
Note on materials	RoHS-compliant			
	Free of copper and PTFE			

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





Mount	ing attachments	
		→ Page/Internet
1	Module connector	LEERER MERKER
	MS4/6-RMV	
2	Module connector	LEERER MERKER
	MS4-6-AMV	
3	Mounting bracket	9
	MS4-WP	
4	Mounting bracket	9
	MS6-WP	



24

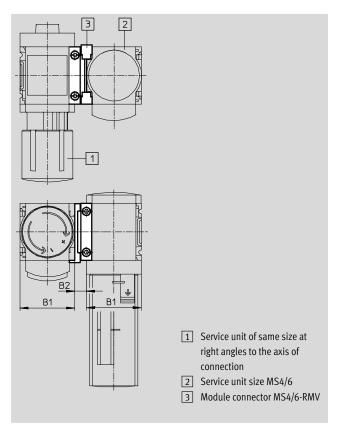
FESTO

25

Module connector MS4/6-RMV

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

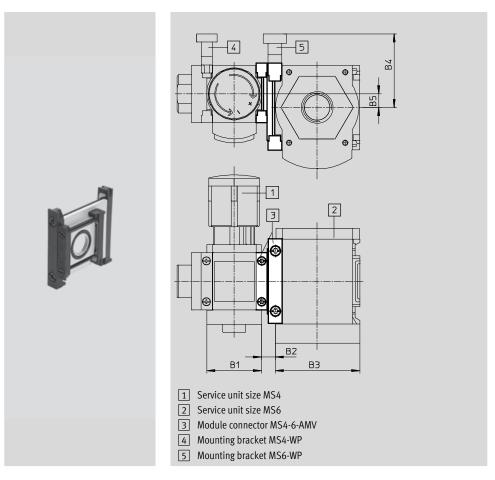
Materials			
Connecting plate	Die-cast aluminium		
Module connector	Die-cast aluminium		
Sealing ring	NBR		
Note on materials	RoHS-compliant		

Dimensions and ordering data								
Size	B1	B2	Weight [g]	Part No.	Туре			
MS4	40.2	8.5	42	543490	MS4-RMV			
MS6	62	11	112	543491	MS6-RMV			
For use in expl	For use in 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			

FESTO

Module connector MS4-6-AMV

• For connecting MS4 and MS6 service units into one unit



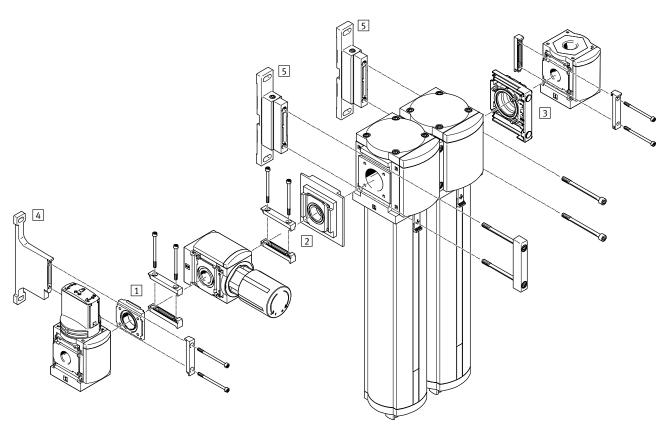
Operating and environmental conditions					
Temperature of medium [°C]	-10 +60				
Corrosion resistance class CRC ¹⁾	2				

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions a	nd ordering data							
Size	B1	B2	B3	B4	B5	Weight [g]	Part No.	Туре
MS4/6	40.2	10	62	54.1	10	77	543489	MS4-6-AMV
For use in expl	For use in explosive areas in zones 2 and 22							
MS4/6	40.2	10	62	54.1	10	77	563392	MS4-6-AMV-EX

FESTO



Moun	ting attachments	
		→ Page/Internet
1	Module connector	LEERER MERKER
	MS6-RMV	
2	Module connector	29
	MS6-9-ARMV	
3	Module connector	28
	MS6-9-AMV	
4	Mounting bracket	10
	MS6-WPB	
5	Mounting bracket	LEERER MERKER
	MS9-WPM	



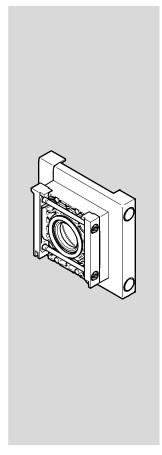
Same wall gap when using mounting brackets MS6-WPB and MS9-WPM within an MS6/9 combination.

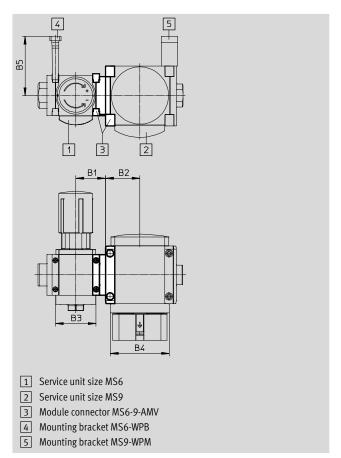


FESTO

Module connector MS6-9-AMV

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





Note

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

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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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 a	nd ordering data								
Size	B1	B2	B3	B4	B5	Weight [g]	Part No.	Туре	
MS6/9	45.5	52.5	62	90	90.5	220	3426895	MS6-9-AMV	
For use in explosive areas in zones 1, 2, 21 and 22									
MS6/9	45.5	52.5	62	90	90.5	220	3433264	MS6-9-AMV-EX	.0.

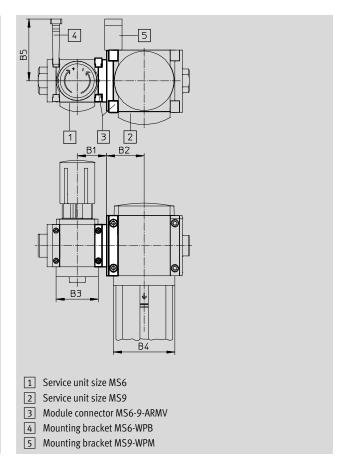
Accessories, MS series Module connector MS6/MS9

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





Note

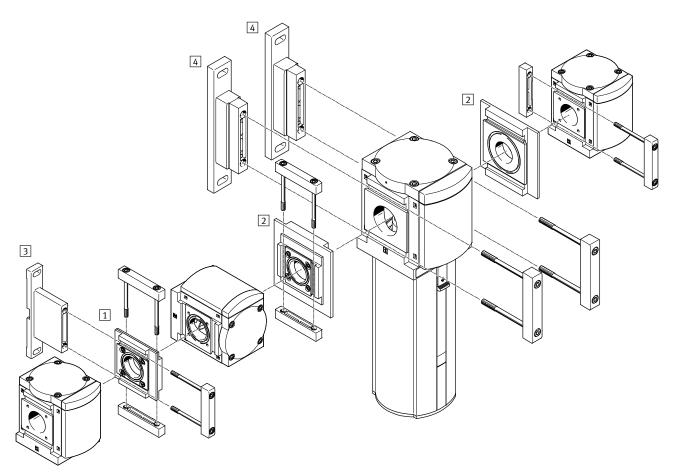
The larger mounting bracket must always be used on the module connector. The mounting bracket must be ordered separately.

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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions a	nd ordering data							
Size	B1	B2	В3	В4	B5	Weight [g]	Part No.	Туре
MS6/9	43	55	62	90	90.5	350	552951	MS6-9-ARMV
For use in exp	losive areas in zone	es 1, 2, 21 and 22						
MS6/9	43	55	62	90	90.5	350	1758175	MS6-9-ARMV-EX



Moun	nting attachments	
		→ Page/Internet
1	Module connector	LEERER MERKER
	MS9-RMV	
2	Module connector	32
	MS9-12-ARMV	
3	Mounting bracket	LEERER MERKER
	MS9-WPB	
4	Mounting bracket	LEERER MERKER
	MS12-WP	

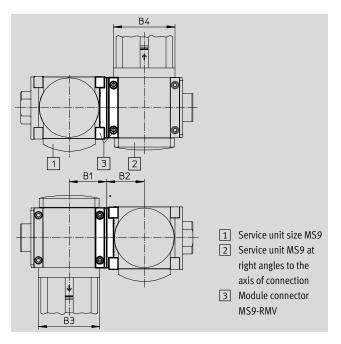
FESTO

31

Module connector MS9-RMV

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Materials	Naterials		
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	В2	В3	B4	Weight [g]	Part No.	Туре
MS9	55	55	90	90	920	552952	MS9-RMV

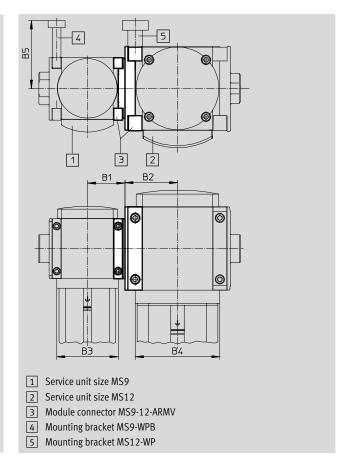
FESTO

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





- Note

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

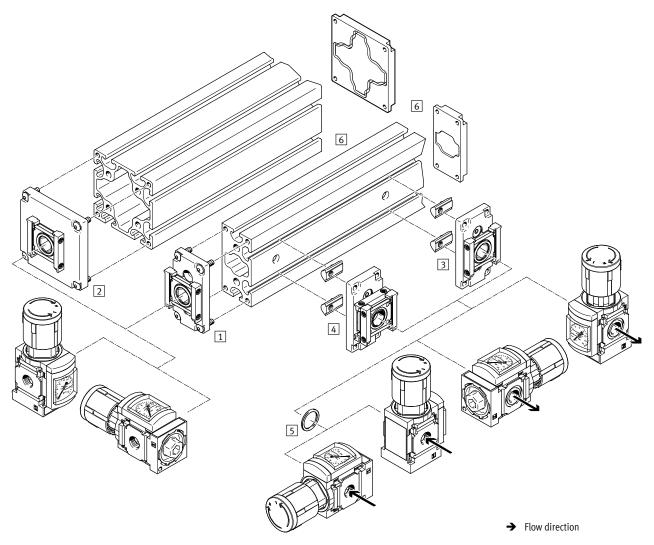
Operating and environmental conditions				
Temperature of medium [°C]	-10 +60			
Corrosion resistance class CRC ¹⁾	2			

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

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





Moun	ting attachments	
		→ Page/Internet
1	Power supply module	LEERER MERKER
	MS4/6-E-IPM-40-80	
2	Power supply module	LEERER MERKER
	MS4/6-E-IPM-80-80	
3	Branching module	LEERER MERKER
	MS4/6-A-IPM-80	
4	Branching module	37
	MS4/6-A-RMV-IPM-80	
5	Sealing ring	38
	MS4/6-NNR	
6	Profile 40x80/80x80, cover plate, supply plate, drilling jig	On request



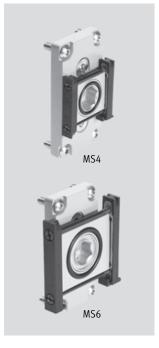
Further mounting attachments are required for mounting a service unit combination → 8

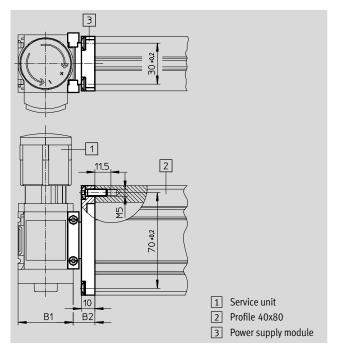
FESTO

Mounting attachments MS4/MS6

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions and ordering data								
Size	B1	B2	Weight	Part No.	Type			
			[g]					
MS4	40.2	16	109	543494	MS4-E-IPM-40-80			
MS6	62	16	141	543496	MS6-E-IPM-40-80			

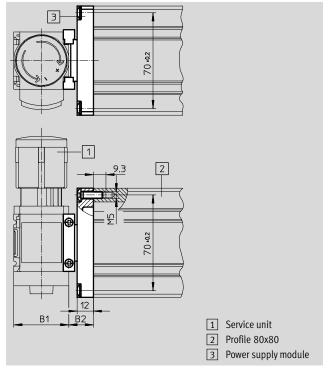
FESTO

35

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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			

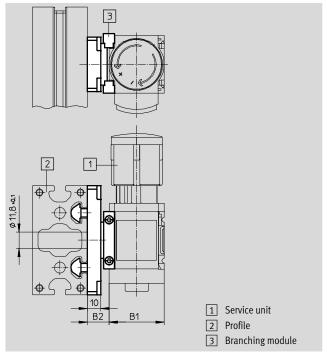
Dimensions a	Dimensions and ordering data							
Size	B1	B2	Weight	Part No.	Type			
			[g]					
MS4	40.2	18	186	543495	MS4-E-IPM-80-80			
MS6	62	18	218	543497	MS6-E-IPM-80-80			

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions and ordering data										
Size	B1	B2	Weight [g]	Part No.	Туре					
MS4	40.2	16	124	543498	MS4-A-IPM-80					
MS6	62	16	156	543499	MS6-A-IPM-80					

FESTO

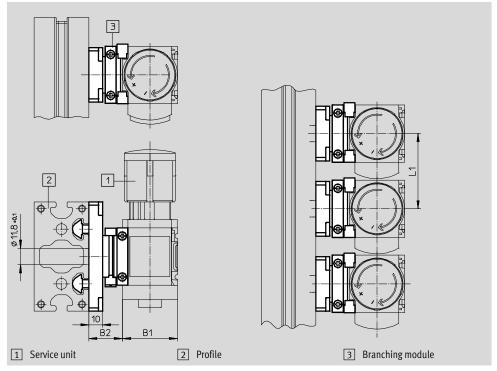
37

Mounting attachments MS4/MS6

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





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

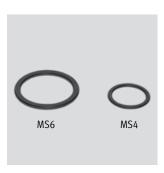
Materials						
Connecting plate	Die-cast aluminium					
Module connector	Die-cast aluminium					
Hollow bolt	Die-cast aluminium					
Screws	Steel					
Seals	NBR					
Note on materials	RoHS-compliant					

Dimensions a	Dimensions and ordering data										
Size	B1	B2	L1	Weight	Part No.	Туре					
				[g]							
MS4	40.2	24.5	55	150	543500	MS4-A-RMV-IPM-80					
MS6	62	27	77	236	543501	MS6-A-RMV-IPM-80					

FESTO

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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Materials	Materials							
Sealing ring	NBR							
Note on materials	RoHS-compliant							

Dimensions and ordering data		
Size	Part No.	Type
MS4	543492	MS4-NNR
MS6	543493	MS6-NNR

Accessories, MS series Connecting plates MS4/MS6

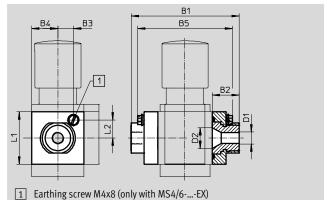
FESTO

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

(order code: AG...)

- Adapter for pneumatic connection
- MS6-AGE for implementing threaded connection G3/4





Operating and environmental conditions								
Temperature of medium [°C]	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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

★ Core product range

Dimension	s and orderin	g data										
Size	B1	B2	В3	B4	B5	D1	D2	L1	L2	Weight	Part No.	Туре
										[g]		
MS4						G1/8				128	526068	MS4-AGA
	83.5	21.5	-	21	-	G1/4	16.8	42	-	128	★ 526069	MS4-AGB
						G3/8				128	★ 526070	MS4-AGC
MS6						G1/4				300	526080	MS6-AGB
	115	26.5		21		G3/8	24	62		300	526081	MS6-AGC
	115	26.5	_	31	_	G1/2	24		_	300	★ 526082	MS6-AGD
						G3/4				300	★ 526083	MS6-AGE
					•			•		•		
For use in e	xplosive area	s in zones	2 and 22									
MS4						G1/8				128	541549	MS4-AGA-EX
	83.5	21.5	12.5	21	72.5	G1/4	16.8	42	14.5	128	541550	MS4-AGB-EX
						G3/8				128	541551	MS4-AGC-EX
MS6						G1/4				300	541538	MS6-AGB-EX
	115	26.5	20.5	21	00.2	G3/8	21	(2	62 15.5	300	541539	MS6-AGC-EX
	115	26.5	20.5	31	98.3	G1/2	24	62		300	541540	MS6-AGD-EX
						G3/4				300	541541	MS6-AGE-EX

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

- ★ Ready for dispatch from the Festo factory in 24 hours
- Ready for dispatch in 5 days maximum from stock

Accessories, MS series Connecting plates MS4/MS6

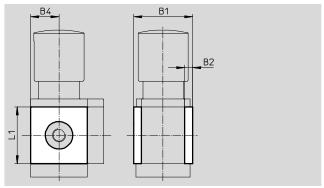
FESTO

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: PA reinforced Free of copper and PTFE





Dimensions ar	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						

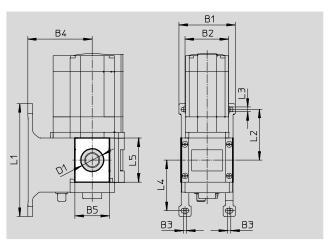
Mounting plate MS4/6-AEND

(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: PA reinforced RoHS-compliant Free of copper and PTFE





Dimensions a	Dimensions and ordering data															
Size	B1	B2	В3	В	4	B5	D1	L1	L2	L3	L4	L5	CRC ¹⁾	Weight	Part No.	Type
				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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Accessories, MS series Connecting plates MS9



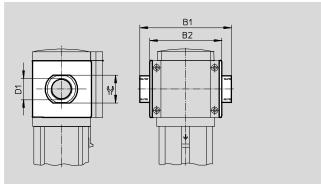
FESTO

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

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

Adapter for pneumatic connection





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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere. sphere typical for industrial applications.

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

Dimensions a	nd ordering data						
Size	B1	B2	D1	=©	Weight [g]	Part No.	Туре
G thread							
MS9	132	112	G½	30	300	552954	MS9-AGD
	132	112	G3/4	36	300	552955	MS9-AGE
	142	112	G1	41	300	552956	MS9-AGF
	162	112	G11⁄4	50	400	552957	MS9-AGG
	176	112	G1½	55	400	552958	MS9-AGH
NPT thread							
MS9	132	112	NPT ¹ /2-14	30	300	552959	MS9-AQR
	132	112	NPT3/4-14	36	300	552960	MS9-AQS
	142	112	NPT1-11 ¹ / ₂	41	300	552961	MS9-AQT
	162	112	NPT11/4-111/2	50	400	552962	MS9-AQU
	176	112	NPT1½-11½	55	400	552963	MS9-AQV

^{· ♦ ·} Note: This product conforms to ISO 1179-1 and to ISO 228-1

Accessories, MS series Connecting plates MS12

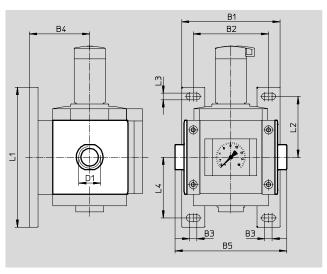
FESTO

Connecting plate-SET MS12-AG...

(order code: AG...)

• Adapter for pneumatic connection





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

1) Corrosion resistance class CRC 2 to Festo standard FN 940070 Moderate corrosion stress. Indoor applications in which condensation may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

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

Dimensions a	Dimensions and ordering data												
Size	B1	B2	В3	B4	B5	D1	L1	L2	L3	L4	Weight	Part No.	Type
											[g]		
MS12		2 124			184	G1		100	11	1 100	0 1,300	537135	MS12-AGF
	162		12	99	184	G11/4	230					537136	MS12-AGG
	102	124	12	99	184	G1½ 250	230	100	11			537137	MS12-AGH
					196	G2	1					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



Operating and environment	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 may occur. External visible parts with primarily decorative requirements for the surface and which are in direct contact with the ambient atmosphere typical for industrial applications.

Materials						
Housing	Brass					
Note on materials	RoHS-compliant					

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

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