

Mini Free Mount Cylinder

25A-CUJ Series

∅6, ∅8, ∅10



How to Order



25A CUJ B 6 - 10 D

With auto switch: 25A - CDUJ B 6 - 10 D - F8N

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting

B	Basic (Through-hole)
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Bore size

6	6 mm
8	8 mm
10	10 mm

Standard stroke [mm]

Bore size	Standard stroke
6, 8, 10	4, 6, 8, 10, 15, 20, 25, 30

Number of auto switches

Nil	2
S	1

* M9□: With 1 pc.

Auto switch

Nil	Without auto switch
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* For applicable auto switches, refer to page 256.

Rod end thread

Nil	Rod end female thread
M	Rod end male thread

Action

D	Double acting
---	---------------

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDUJB8-15DM

* The 25A- series specifications are the same as those of the standard model.

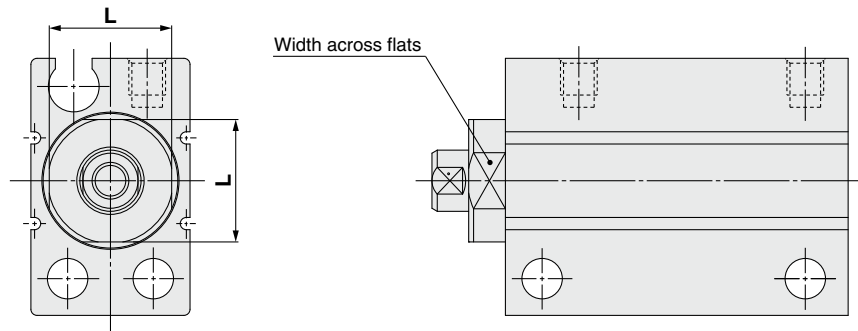
For details, refer to the **Web Catalog**.

Dimensions (Dimensions other than those shown below are the same as the standard model.) For details, refer to the **Web Catalog**.

25A-C□UJB⁶/₈/₁₀

* The position of the width across flats may not be parallel to the cylinder tube

Bore size	L dimension [mm]
6	8
8	10
10	11



Width across flats

Mini Free Mount Cylinder

25A-CUJ Series

∅12, ∅16, ∅20



How to Order

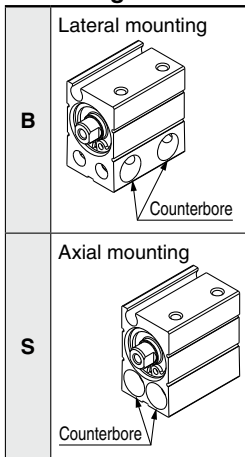
25A - CUJ B 12 - 30 D

With auto switch **25A - CDUJ B 12 - 30 D** **- F8N**

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting direction



Bore size

12	12 mm
16	16 mm
20	20 mm

Standard stroke [mm]

Bore size	Standard stroke
12, 16, 20	5, 10, 15, 20, 25 30, 35, 40, 45, 50

Action

D	Double acting
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Rod end thread

Nil	Rod end female thread
M	Rod end male thread

Auto switch

Nil	Without auto switch
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* For applicable auto switches, refer to page 256.

Number of auto switches

Nil	2
S	1

* M9□: With 1 pc.

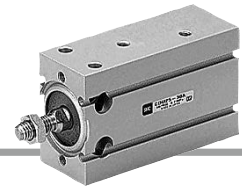
Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDUJB12-15DM

* The 25A-series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Free Mount Cylinder Double Acting, Single Rod **25A-CU Series** ø10, ø16, ø20, ø25, ø32



How to Order

25A - C D U 16 - 30 D - M9BW []

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm

Action

D	Double acting
---	---------------

Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
10, 16	5, 10, 15, 20, 25, 30	40, 50, 60
20, 25, 32	5, 10, 15, 20, 25, 30, 40, 50	60, 70, 80, 90, 100

Number of auto switches

Nil	2
S	1

Auto switch

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switches.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDU20-25D

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation Equipment

Clean Air Filters

Modular F.R.L./Pressure Control Equipment

Flow Control Equipment/Fittings

Detection Switches

Fluid Control Equipment

Process Gas Equipment

Electric Actuators

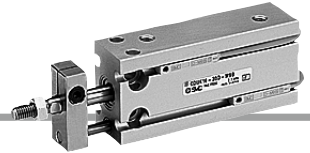
Auto Switches

Free Mount Cylinder: Non-rotating Rod Type Double Acting, Single Rod

25A-CUK Series

∅10, ∅16, ∅20, ∅25, ∅32

RoHS



How to Order

Series compatible with secondary batteries

25A - C **D** UK 16 - 30 D - M9BW

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Number of auto switches

Nil	2
S	1

Auto switch

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switches.

Action

D	Double acting
---	---------------

Non-rotating rod type

Bore size

10	10 mm
16	16 mm
20	20 mm
25	25 mm
32	32 mm

Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
10, 16	5, 10, 15, 20, 25, 30	40, 50, 60
20, 25, 32	5, 10, 15, 20, 25, 30, 40, 50	60, 70, 80, 90, 100

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDUK20-25D

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Compact Cylinder: Standard Type Double Acting, Single Rod

25A-CQS Series

∅12, ∅16, ∅20, ∅25



How to Order

25A-C D QS B 20-30 D - M9BW

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* In the case of long strokes, use either ends tapped mounting or bracket mounting.
* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
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* Refer to page 256 for applicable auto switch models.

Body option

<Standard stroke>

Nil	Standard
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

<Long stroke>

C	With rubber bumper Rod end female thread (Standard)
CM	With rubber bumper Rod end male thread

* Rubber bumper is standard equipment for long stroke type.

Action

D	Double acting
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Cylinder stroke [mm]

Bore size	Standard stroke	Long stroke
12, 16	5, 10, 15, 20, 25, 30	35, 40, 45, 50, 75, 100, 125, 150, 175, 200
20	5, 10, 15, 20, 25, 30, 35, 40, 45, 50	75, 100, 125, 150, 175, 200
25		75, 100, 125, 150, 175, 200, 250, 300

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.
(Example) 25A-CDQSL25-30D

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012	25-CQS-D012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016	25-CQS-D016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025

*1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.

Foot, Compact foot, Flange: Body mounting bolts

Double clevis type: Clevis pin, Type C retaining ring for axis, Body mounting bolt

Compact Cylinder: Standard Type Double Acting, Double Rod

RoHS

25A-CQSW Series

∅12, ∅16, ∅20, ∅25



How to Order

25A-C D QSW B 20-30 D - M9BWL

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Flange

- * Mounting brackets are shipped together with the product but do not come assembled.
- * Cylinder mounting bolts are not included.

Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
-----	---------------------

* For applicable auto switches, refer to page 256.

Cushion/Rod end thread

Nil	Standard
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

Action

D	Double acting
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Cylinder stroke [mm]

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
25	30, 35, 40, 45, 50

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025

- *1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.
- * Body mounting bolts are included for each bracket.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQSWL25-30D

- * The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Compact Cylinder: Anti-lateral Load Type

25A-CQS□S Series

∅12, ∅16, ∅20, ∅25



How to Order

25A-C D QS B S 20 - 30 D C - M9BW □

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

B	Through-hole/Both ends tapped common (Standard)
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.

Cushion

S	Anti-lateral load type
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Bore size

12	12 mm
16	16 mm
20	20 mm
25	25 mm

Cylinder stroke [mm]

Bore size	Standard stroke
12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
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* Refer to page 256 for applicable auto switch models.

Body option

C	With rubber bumper Rod end female thread (Standard)
CM	With rubber bumper Rod end male thread

Action

D	Double acting
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Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQSL12-25DC

* With cushion only.

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
12	25A-CQS-L012	25A-CQS-LC012	25A-CQS-F012	25-CQS-D012
16	25A-CQS-L016	25A-CQS-LC016	25A-CQS-F016	25-CQS-D016
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025

*1 When ordering foot and compact foot brackets, order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.

Foot, Compact foot, Flange: Body mounting bolts

Double clevis type: Clevis pin, Type C retaining ring for axis, Body mounting bolt

Directional Control Valves
Air Cylinders
Related Products
Rotary Actuators
Air Grippers
Vacuum Equipment
Air Preparation Equipment
Clean Air Filters
Modular F.R.L./Pressure Control Equipment
Flow Control Equipment/Fittings
Detection Switches
Fluid Control Equipment
Process Gas Equipment
Electric Actuators
Auto Switches

Compact Cylinder: Standard Double Acting, Single Rod



25A-CQ2 Series

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100



How to Order

25A - C D Q2 B 20 - 30 D Z - M9BW

• Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.

* Cylinder mounting bolts are not included.

Bore size

12	12 mm	40	40 mm
16	16 mm	50	50 mm
20	20 mm	63	63 mm
25	25 mm	80	80 mm
32	32 mm	100	100 mm

Port thread type

Nil	M thread	ø12 to ø25
	Rc	
TN	NPT	ø32 to ø100
TF	G	

• Auto switch

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switch models.

• Number of auto switches

Nil	2
S	1
n	n

• Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

* "Z" is not available for ø12 to ø25 without auto switches.

• Body option

Nil	Standard (Rod end female thread)
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

• Action

D	Double acting
---	---------------

• Cylinder stroke [mm]

12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50 to 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQ2L32-25DZ

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]		Foot*1	Compact foot*1	Flange	Double clevis
12	Without auto switch	25A-CQ-L012	25A-CQ-LC012	25A-CQ-F012	25-CQ-D012
	With auto switch	25A-CQ-LZ12	25A-CQ-LCZ12		
16	Without auto switch	25A-CQ-L016	25A-CQ-LC016	25A-CQ-F016	25-CQ-D016
	With auto switch	25A-CQ-LZ16	25A-CQ-LCZ16		
20	Without auto switch	25A-CQ-L020	25A-CQ-LC020	25A-CQ-F020	25-CQ-D020
	With auto switch	25A-CQ-LZ20	25A-CQ-LCZ20		
25	Without auto switch	25A-CQ-L025	25A-CQ-LC025	25A-CQ-F025	25-CQ-D025
	With auto switch	25A-CQ-LZ25	25A-CQ-LCZ25		
32		25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40		25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50		25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63		25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80		25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100		25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

*1 When ordering foot and compact foot brackets, the required quantity will be different depending on the bore size.

ø12 to ø25:

- Without auto switch: Order 2 pieces per cylinder.
- With auto switch: Order 1 piece per cylinder. (Part number for a set of 2 foot brackets)

ø32 to ø100:

- Order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.

Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Simple Joint (Standard)/ Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>

- Joints are not included with type A or B mounting brackets. Order them separately.

(Example)

- Bore size ø40
- Type A mounting bracketYA-03
- Joint.....YU-03

Compact Cylinder: Standard Double Acting, Double Rod

RoHS

25A-CQ2W Series

ø12, ø16, ø20, ø25, ø32, ø40, ø50, ø63, ø80, ø100



How to Order

25A - C D Q2W B 20 - 30 D Z - M9BW

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

- * Mounting brackets are shipped together with the product but do not come assembled.
- * Cylinder mounting bolts are not included.

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Flange

Bore size

12	12 mm	40	40 mm
16	16 mm	50	50 mm
20	20 mm	63	63 mm
25	25 mm	80	80 mm
32	32 mm	100	100 mm

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	
12	Without auto switch	25A-CQ-L012	25A-CQ-LC012	25A-CQ-F012
	With auto switch	25A-CQ-LZ12	25A-CQ-LCZ12	
16	Without auto switch	25A-CQ-L016	25A-CQ-LC016	25A-CQ-F016
	With auto switch	25A-CQ-LZ16	25A-CQ-LCZ16	
20	Without auto switch	25A-CQ-L020	25A-CQ-LC020	25A-CQ-F020
	With auto switch	25A-CQ-LZ20	25A-CQ-LCZ20	
25	Without auto switch	25A-CQ-L025	25A-CQ-LC025	25A-CQ-F025
	With auto switch	25A-CQ-LZ25	25A-CQ-LCZ25	
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	

*1 When ordering foot and compact foot brackets, the required quantity will be different depending on the bore size.

ø12 to ø25:

· Without auto switch: Order 2 pieces per cylinder.

· With auto switch: Order 1 piece per cylinder. (Part number for a set of 2 foot brackets)

ø32 to ø100:

· Order 2 pieces per cylinder.

* Body mounting bolts are included for each bracket.

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
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* For applicable auto switches, refer to page 256.

Auto switch mounting groove

Z	ø12 to ø25	2 surfaces
	ø32 to ø100	4 surfaces

* "Z" is not available for ø12 to ø25 without auto switches.

Body option

Nil	Standard (Rod end female thread)
C	With rubber bumper
M	Rod end male thread

* Combination of body options is available.

Action

D	Double acting
---	---------------

Cylinder stroke [mm]

12, 16	5, 10, 15, 20, 25, 30
20, 25	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50 to 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Port thread type

Nil	M thread	ø12 to ø25
	Rc	
TN	NPT	ø32 to ø100
TF	G	

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQ2WL32-25DZ

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Simple Joint (Standard)/Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>

Joints are not included with type A or B mounting brackets. Order them separately.

(Example)

Bore size ø40

Part no.

Type A mounting bracket **YA-03**

Joint **YU-03**

Compact Cylinder: Large Bore Size Double Acting, Single Rod

25A-CQ2 Series

∅125, ∅140, ∅160, ∅180, ∅200

RoHS



How to Order

25A-C D Q2B 125 - 30 DC Z - M9BW

- Series compatible with secondary batteries**
- With auto switch**

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.
- Mounting**

B	Through-hole/ Both ends tapped common (Standard)
---	---

* Cylinder mounting bolts are not included.
- Bore size**

125	125 mm
140	140 mm
160	160 mm
180	180 mm
200	200 mm
- Port thread type**

Nil	Rc
TN	NPT
TF	G
- Number of auto switches**

Nil	2
S	1
n	n
- Auto switch**

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switch models.
- Auto switch mounting groove**

Z	4 surfaces
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- Body option**

Nil	Standard (Rod end female thread)
M	Rod end male thread
- Cushion**

C	Rubber bumper
---	---------------
- Action**

D	Double acting
---	---------------
- Cylinder stroke [mm]**

Bore size	Standard stroke
125, 140, 160	10, 20, 30, 40, 50, 75, 100, 125,
180, 200	150, 175, 200, 250, 300

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQ2B140-30DCZ

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Compact Cylinder: Long Stroke Double Acting, Single Rod

RoHS

25A-CQ2 Series

∅32, ∅40, ∅50, ∅63, ∅80, ∅100



How to Order

25A - C D Q2 A 32 - 200 DC Z - M9BW

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.

Bore size

32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm

Port thread type

Nil	Rc
TN	NPT
TF	G

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQ2L40-200DCZ

Simple Joint (Standard)/Part Nos.

Bore size [mm]	Joint	Type A mounting bracket	Type B mounting bracket
32, 40	YU-03	YA-03	YB-03
50, 63	YU-05	YA-05	YB-05
80	YU-08	YA-08	YB-08
100	YU-10	YA-10	YB-10

<Ordering>

• Joints are not included with type A or B mounting brackets. Order them separately.

(Example)

Bore size ∅40 Part no.

• Type A mounting bracket.....YA-03

• Joint.....YU-03

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

*1 Order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.

Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Number of auto switches

Nil	2
S	1
n	n

Auto switch

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switch models.

Auto switch mounting groove

Z	4 surfaces
---	------------

Body option

Nil	Standard (Rod end female thread)
M	Rod end male thread

Cushion

C	Rubber bumper
---	---------------

Action

D	Double acting
---	---------------

Cylinder stroke [mm]

Bore size	Standard stroke
32, 40, 50 63, 80, 100	125, 150, 175, 200, 250, 300

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation Equipment

Clean Air Filters

Modular F.R.L./Pressure Control Equipment

Flow Control Equipment/Fittings

Detection Switches

Fluid Control Equipment

Process Gas Equipment

Electric Actuators

Auto Switches

Compact Cylinder: Anti-lateral Load

25A-CQ2□S Series

∅32, ∅40, ∅50, ∅63, ∅80, ∅100



How to Order

25A-C D Q2 B S 32 □ - 30 DC □ Z - M9BW □

- Series compatible with secondary batteries**
- With auto switch**

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.
- Mounting**

B	Through-hole (Standard)
A	Both ends tapped
L	Foot
LC	Compact foot
F	Rod flange
G	Head flange
D	Double clevis

* Mounting brackets are shipped together with the product but do not come assembled.
* Cylinder mounting bolts are not included.
- Type**

S	Anti-lateral load
---	-------------------
- Bore size**

32	32 mm
40	40 mm
50	50 mm
63	63 mm
80	80 mm
100	100 mm
- Port thread type**

Nil	Rc
TN	NPT
TF	G
- Number of auto switches**

Nil	2
S	1
n	n
- Auto switch**

Nil	Without auto switch
-----	---------------------

* Refer to page 256 for applicable auto switch models.
- Auto switch mounting groove**

Z	4 surfaces
---	------------
- Body option**

Nil	Standard (Rod end female thread)
M	Rod end male thread
- Cushion**

C	Rubber bumper
---	---------------
- Action**

D	Double acting
---	---------------
- Cylinder stroke [mm]**

Bore size	Standard stroke
32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100
50, 63, 80, 100	10, 15, 20, 25, 30, 35, 40, 45, 50, 75, 100

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDQ2LS40-30DCZ

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

Mounting Bracket Part Nos. for the 25A- Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

*1 Order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows.

Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Compact Cylinder: With End Lock

25A-CBQ2 Series

∅20, ∅25, ∅32, ∅40, ∅50, ∅63, ∅80, ∅100



How to Order



25A - C D BQ2 B 40 - 30 D C - H N - M9BW

Series compatible with secondary batteries

With auto switch (Built-in magnet)

Mounting

∅20, ∅25

∅32 to ∅100

∅20, ∅25		∅32 to ∅100	
B	Through-hole/Both ends tapped common (Standard)	B	Through-hole (Standard)*1
L	Foot	A	Both ends tapped
LC	Compact foot	L	Foot
F	Rod flange	LC	Compact foot
G	Head flange	F	Rod flange
D	Double clevis	G	Head flange
		D	Double clevis

*1 At the 75 and 100 mm strokes with ∅80, ∅100, both ends tapped (A) is the standard. Through-hole (B) is not available.

* Mounting brackets are shipped together with the product but do not come assembled.

Bore size

20	20 mm	50	50 mm
25	25 mm	63	63 mm
32	32 mm	80	80 mm
40	40 mm	100	100 mm

Port thread type

Nil	M thread	∅20, ∅25
TN	NPT	∅32 to ∅100
TF	G	

Cylinder stroke [mm]

Bore size	Standard stroke
20, 25, 32, 40, 50, 63	10, 15, 20, 25, 50, 75, 100
80, 100	25, 50, 75, 100

Manual release type

N Non-lock type

Lock position

H	Head end lock
R	Rod end lock

Body option

Nil	Rod end female thread
M	Rod end male thread

Cushion

C Rubber bumper

Action

D Double acting

Auto switch

Nil Without auto switch

* For applicable auto switches, refer to page 256.

Number of auto switches

Nil	2
S	1
n	n

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch.

(Example) 25A-CDBQ2L32-30DC-RN

* The 25A-series specifications and dimensions are the same as those of the standard model.

For details, refer to the Web Catalog.

Mounting Bracket Part Nos. for the 25A-Series

Bore size [mm]	Foot*1	Compact foot*1	Flange	Double clevis
20	25A-CQS-L020	25A-CQS-LC020	25A-CQS-F020	25-CQS-D020
25	25A-CQS-L025	25A-CQS-LC025	25A-CQS-F025	25-CQS-D025
32	25A-CQ-L032	25A-CQ-LC032	25A-CQ-F032	25-CQ-D032
40	25A-CQ-L040	25A-CQ-LC040	25A-CQ-F040	25-CQ-D040
50	25A-CQ-L050	25A-CQ-LC050	25A-CQ-F050	25-CQ-D050
63	25A-CQ-L063	25A-CQ-LC063	25A-CQ-F063	25-CQ-D063
80	25A-CQ-L080	25A-CQ-LC080	25A-CQ-F080	25-CQ-D080
100	25A-CQ-L100	25A-CQ-LC100	25A-CQ-F100	25-CQ-D100

*1 Order 2 pieces per cylinder.

* Parts included with each type of bracket are as follows: Foot, Compact foot, Flange: Body mounting bolts, Double clevis: Clevis pin, Type C retaining rings for axis, Body mounting bolts

Directional Control Valves
Air Cylinders
Related Products
Rotary Actuators
Air Grippers
Vacuum Equipment
Air Preparation Equipment
Clean Air Filters
Modular F.R.L./Pressure Control Equipment
Flow Control Equipment/Fittings
Detection Switches
Fluid Control Equipment
Process Gas Equipment
Electric Actuators
Auto Switches

Plate Cylinder: Double Acting, Single Rod

25A-MU Series

ø25, ø32, ø40, ø50, ø63

RoHS



How to Order

25A - M DUB 25 - 30 DMZ - M9BW S

Series compatible with secondary batteries

With auto switch

Nil	Without magnet for switch*1
D	With auto switch (Built-in magnet)

*1 In the case of without magnet for switch, auto switch cannot be mounted.

Mounting

B	Basic
---	-------

Size

25	Equiv. ø25 piston area
32	Equiv. ø32 piston area
40	Equiv. ø40 piston area
50	Equiv. ø50 piston area
63	Equiv. ø63 piston area

Port thread type

Nil	M thread	ø25
	Rc	ø32, ø40
TN	NPT	ø50, ø63
TF	G	

• Rod end configuration

Nil	Rod end female thread
M	Rod end male thread

• Action

D	Double acting
---	---------------

• Cylinder stroke [mm]

Size	Standard stroke
25, 32, 40	5, 10, 15, 20, 25, 30, 35, 40, 45, 50
50, 63	75, 100, 125, 150, 175, 200, 250, 300

• Number of auto switches

Nil	2
S	1
n	n

• Auto switch

Nil	Without auto switch
-----	---------------------

* For applicable auto switches, refer to page 256.

Built-in Magnet Cylinder Model

If a built-in magnet cylinder without an auto switch is required, there is no need to enter the symbol for the auto switch. (Example) 25A-MDUB32-30DZ

* The 25A- series specifications and dimensions are the same as those of the standard model.

For details, refer to the **Web Catalog**.

25A- Series

Applicable Auto Switches

Applicable Cylinder Series

Type	Special function	Electrical entry	Indicator light	Auto switches						Air cylinders											
				Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector	CDJP2	CD(B)J2 CDJ2K	CD85	CDM2	CD(B)G1	MDB	CDA2	CDS2		
							0.5 Nil	1 M	3 L	5 Z										ø4 to ø16	ø10, ø16
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	In-line	D-M9N-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	
						D-M9P-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	●
						D-M9B-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	●
						D-M9NV-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	●
						D-M9PV-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	●
						D-M9BV-900	●	●	●	○	—	●	●	●	●	●	—	●	●	●	●
				3-wire (PNP)	Perpendicular	D-M9NW-900	●	●	●	○	—	●	●	●	●	—	●	●	●	●	
						D-M9PW-900	●	●	●	○	—	●	●	●	●	—	●	●	●	●	
						D-M9BW-900	●	●	●	○	○	●	●	●	●	—	●	●	●	●	
						D-M9NVV-900	●	●	●	○	—	●	●	●	●	—	●	●	●	●	
						D-M9PVV-900	●	●	●	○	—	●	●	●	●	—	●	●	●	●	
						D-M9BVV-900	●	●	●	○	○	●	●	●	●	—	●	●	●	●	
	—	Grommet	Yes	3-wire (NPN)	In-line	D-Y59A-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y7P-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y59B-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y69A-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y7PV-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y69B-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
				3-wire (PNP)	Perpendicular	D-Y7NW-900	●	—	●	○	—	—	—	—	—	—	—	—	—	—	
						D-Y7PW-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
						D-Y7BW-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
						D-Y7NVV-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
						D-Y7PVV-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
						D-Y7BVV-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	In-line	D-G59-900	●	—	●	○	—	—	—	—	—	—	●	—	—		
						D-G5P-900	●	—	●	○	—	—	—	—	—	—	●	—	—		
						D-K59-900	●	—	●	○	—	—	—	—	—	—	●	—	—		
						D-G59W-900	●	—	●	○	—	—	—	—	—	—	●	—	—		
						D-G5PW-900	●	—	●	○	—	—	—	—	—	—	●	—	—		
						D-K59W-900	●	—	●	○	○	—	—	—	—	—	●	—	—		
				3-wire (PNP)	Perpendicular	D-F79-900	●	—	●	○	—	—	—	—	—	—	—	—	—		
						D-F7P-900	●	—	●	○	—	—	—	—	—	—	—	—			
						D-J79-900	●	—	●	○	—	—	—	—	—	—	—	—			
						D-F7NV-900	●	—	●	○	—	—	—	—	—	—	—	—			
						D-F7PV-900	●	—	●	○	—	—	—	—	—	—	—	—			
						D-F7BV-900	●	—	●	○	—	—	—	—	—	—	—	—			
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	In-line	D-F79W-900	●	—	●	○	—	—	—	—	—	—	—				
						D-F7PW-900	●	—	●	○	—	—	—	—	—	—	—				
						D-J79W-900	●	—	●	○	—	—	—	—	—	—	—				
						D-F7NVV-900	●	—	●	○	—	—	—	—	—	—	—				
						D-F7PVV-900	●	—	●	○	—	—	—	—	—	—	—				
						D-F7BVV-900	●	—	●	○	—	—	—	—	—	—	—				
				3-wire (PNP)	Perpendicular	D-F8N-900	●	—	●	○	—	—	—	—	—	—	—	—			
						D-F8P-900	●	—	●	○	—	—	—	—	—	—	—				
						D-F8B-900	●	—	●	○	—	—	—	—	—	—	—				
						D-A90-900	—	—	●	—	—	●	●	●	—	●	●	●			
						D-Z80-900	—	—	●	—	—	—	—	—	—	—	—	—			
						D-E76A	●	—	●	—	—	—	—	—	—	—	—	—			
Reed auto switch	—	Grommet	No	2-wire	In-line	D-E73A	●	—	●	—	—	—	—	—	—	—	—				
						D-E80A	●	—	●	—	—	—	—	—	—	—	—				
						D-E80A	●	—	●	—	—	—	—	—	—	—	—				

*1 The D-A90L-900 cannot be mounted on ø4. * Solid state auto switches marked with a "○" are produced upon receipt of order.

Ordering the Auto Switches

Please be aware that the order part numbers for the cylinder mounted and individual auto switches are different.

(Example) Part number for ordering D-M9BWL-900:

- Cylinder mounted type: 25A-CDJ2L16-60Z-M9BWL-B (Omit the first "D-" and the last "-900" or "-901".)
- Individual auto switch: D-M9BWL-900 (Place the order with the part number for auto switch shown in the table above.)

- * Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
- 1 m..... M (Example) M9NWM
- 3 m..... L (Example) M9NWL
- 5 m..... Z (Example) M9NWZ

25A- Series

Applicable Cylinder Series

Auto switches															
Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector				
							0.5	1	3	5					
							Nil	M	L	Z	SDPC				
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	In-line	D-M9N-900	●	●	●	○	—				
				3-wire (PNP)		D-M9P-900	●	●	●	○	—				
				2-wire		D-M9B-900	●	●	●	○	—				
				3-wire (NPN)		Perpendicular	D-M9NV-900	●	●	●	○	—			
				3-wire (PNP)			D-M9PV-900	●	●	●	○	—			
				2-wire			D-M9BV-900	●	●	●	○	—			
				3-wire (NPN)	In-line		D-M9NW-900	●	●	●	○	—			
				3-wire (PNP)			D-M9PW-900	●	●	●	○	—			
				2-wire			D-M9BW-900	●	●	●	○	○			
				3-wire (NPN)		Perpendicular	D-M9NWV-900	●	●	●	○	—			
				3-wire (PNP)			D-M9PWV-900	●	●	●	○	—			
				2-wire			D-M9BWV-900	●	●	●	○	○			
	3-wire (NPN)			In-line	D-Y59A-900		●	—	●	○	—				
	3-wire (PNP)				D-Y7P-900		●	—	●	○	—				
	2-wire				D-Y59B-900		●	—	●	○	—				
	3-wire (NPN)				Perpendicular	D-Y69A-900	●	—	●	○	—				
	3-wire (PNP)					D-Y7PV-900	●	—	●	○	—				
	2-wire					D-Y69B-900	●	—	●	○	—				
	3-wire (NPN)			In-line		D-Y7NW-900	●	—	●	○	—				
	3-wire (PNP)					D-Y7PW-900	●	—	●	○	—				
	2-wire					D-Y7BW-900	●	—	●	○	—				
	3-wire (NPN)				Perpendicular	D-Y7NWV-900	●	—	●	○	—				
	3-wire (PNP)					D-Y7PWV-900	●	—	●	○	—				
	2-wire					D-Y7BWV-900	●	—	●	○	—				
	3-wire (NPN)	In-line	D-G59-900	●		—	●	○	—						
	3-wire (PNP)		D-G5P-900	●		—	●	○	—						
	2-wire		D-K59-900	●		—	●	○	—						
	3-wire (NPN)		In-line	D-G59W-900	●	—	●	○	—						
	3-wire (PNP)			D-G5PW-900	●	—	●	○	—						
	2-wire			D-K59W-900	●	—	●	○	○						
	3-wire (NPN)	In-line		D-F79-900	●	—	●	○	—						
	3-wire (PNP)			D-F7P-900	●	—	●	○	—						
	2-wire			D-J79-900	●	—	●	○	—						
	3-wire (NPN)		Perpendicular	D-F7NV-900	●	—	●	○	—						
	3-wire (PNP)			D-F7PV-900	●	—	●	○	—						
	2-wire			D-F7BV-900	●	—	●	○	—						
	3-wire (NPN)	In-line		D-F79W-900	●	—	●	○	—						
	3-wire (PNP)			D-F7PW-900	●	—	●	○	—						
	2-wire			D-J79W-900	●	—	●	○	—						
	3-wire (NPN)		Perpendicular	D-F7NWV-900	●	—	●	○	—						
	2-wire			D-F7BWV-900	●	—	●	○	—						
	3-wire (NPN)			In-line	D-F8N-900	●	—	●	○	—					
	3-wire (PNP)	D-F8P-900			●	—	●	○	—						
	2-wire	D-F8B-900			●	—	●	○	—						
	Diagnostic indication (2-color indicator)	—			Grommet	Yes	3-wire (NPN)	In-line	D-A90-900	—	—	●	—	—	
			3-wire (PNP)				D-Z80-900		—	—	●	—	—		
			2-wire				D-E76A		●	—	●	—	—		
			3-wire (NPN equiv.)	In-line			D-E73A		●	—	●	—	—		
3-wire (NPN)			Perpendicular				D-E80A		●	—	●	—	—		
3-wire (PNP)							D-E80A		●	—	●	—	—		
2-wire	D-E80A	●					—	●	—	—					
Diagnostic indication (2-color indicator)	—	Grommet					No	2-wire	In-line	D-A90-900	—	—	●	—	—
								2-wire		D-Z80-900	—	—	●	—	—
				2-wire				D-E76A		●	—	●	—	—	
			2-wire	In-line				D-E73A		●	—	●	—	—	
			2-wire					Perpendicular		D-E80A	●	—	●	—	—
			2-wire							D-E80A	●	—	●	—	—
2-wire	In-line		D-A90-900						—	—	●	—	—		
2-wire			D-Z80-900						—	—	●	—	—		
2-wire			D-E76A						●	—	●	—	—		
2-wire			In-line	D-E73A					●	—	●	—	—		
2-wire				Perpendicular				D-E80A	●	—	●	—	—		
2-wire								D-E80A	●	—	●	—	—		
2-wire	In-line							D-A90-900	—	—	●	—	—		
2-wire								D-Z80-900	—	—	●	—	—		
2-wire								D-E76A	●	—	●	—	—		
2-wire			In-line					D-E73A	●	—	●	—	—		
2-wire				Perpendicular				D-E80A	●	—	●	—	—		
2-wire					D-E80A	●		—	●	—	—				

25A- Series

Applicable Rotary Actuator Series

Type	Special function	Electrical entry	Indicator light	Auto switches					Rotary actuators								
				Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector	MSQA MSQB	MSQ MSZ	MDSUB			
							0.5 Nil	1 M	3 L	5 Z				10 to 200	10 to 50	1, 3	7, 20
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	In-line	D-M9N-900	●	●	●	○	—	●	●	—	—		
						D-M9P-900	●	●	●	○	—	●	●	—	—		
						2-wire	D-M9B-900	●	●	●	○	—	●	●	—	—	
						3-wire (NPN)	Perpendicular	D-M9NV-900	●	●	●	○	—	●	●	—	—
								D-M9PV-900	●	●	●	○	—	●	●	—	—
						2-wire	D-M9BV-900	●	●	●	○	—	●	●	—	—	
				3-wire (PNP)	In-line	D-M9NW-900	●	●	●	○	—	●	●	—	—		
						D-M9PW-900	●	●	●	○	—	●	●	—	—		
						2-wire	D-M9BW-900	●	●	●	○	○	●	●	—	—	
						3-wire (NPN)	Perpendicular	D-M9NWV-900	●	●	●	○	—	●	●	—	—
								D-M9PWV-900	●	●	●	○	—	●	●	—	—
						2-wire	D-M9BWV-900	●	●	●	○	○	●	●	—	—	
	3-wire (NPN)	In-line	D-Y59A-900	●	—	●	○	—	—	—	—	—					
			3-wire (PNP)	D-Y7P-900	●	—	●	○	—	—	—	—					
			2-wire	D-Y59B-900	●	—	●	○	—	—	—	—					
			3-wire (NPN)	Perpendicular	D-Y69A-900	●	—	●	○	—	—	—	—				
					D-Y7PV-900	●	—	●	○	—	—	—	—				
			2-wire	D-Y69B-900	●	—	●	○	—	—	—	—					
	Diagnostic indication (2-color indicator)	3-wire (NPN)	In-line	D-Y7NW-900	●	—	●	○	—	—	—	—					
				3-wire (PNP)	D-Y7PW-900	●	—	●	○	—	—	—					
				2-wire	D-Y7BW-900	●	—	●	○	—	—	—					
				3-wire (NPN)	Perpendicular	D-Y7NWV-900	●	—	●	○	—	—	—				
						D-Y7PWV-900	●	—	●	○	—	—	—				
				2-wire	D-Y7BWV-900	●	—	●	○	—	—	—					
		3-wire (NPN)	In-line	D-S991-901*1	●	—	●	○	—	—	—	●	—				
				D-S992-901*1	●	—	●	○	—	—	—	●	—				
				3-wire (PNP)	D-S9P1-901*1	●	—	●	○	—	—	—	●	—			
				D-S9P2-901*1	●	—	●	○	—	—	—	●	—				
				2-wire	D-T991-901*1	●	—	●	○	—	—	—	●	—			
					D-T992-901*1	●	—	●	○	—	—	—	●	—			
	3-wire (NPN)	Perpendicular	D-S99V1-901*1	●	—	●	○	—	—	—	●	—					
			D-999V2-901*1	●	—	●	○	—	—	—	●	—					
			3-wire (PNP)	D-S9PV1-901*1	●	—	●	○	—	—	—	●	—				
			D-S9PV2-901*1	●	—	●	○	—	—	—	●	—					
			2-wire	D-T99V1-901*1	●	—	●	○	—	—	—	●	—				
				D-T99V2-901*1	●	—	●	○	—	—	—	●	—				
	3-wire (NPN)	In-line	D-S791-901*1	●	—	●	○	—	—	—	—	●					
			D-S792-901*1	●	—	●	○	—	—	—	—	●					
			3-wire (PNP)	D-S7P1-901*1	●	—	●	○	—	—	—	—	●				
			D-S7P2-901*1	●	—	●	○	—	—	—	—	—	●				
2-wire			D-T791-901*1	●	—	●	○	—	—	—	—	●					
			D-T792-901*1	●	—	●	○	—	—	—	—	●					
Reed auto switch	—	Grommet	No	2-wire	In-line	D-A90-900	—	—	●	—	—	—					

- * Solid state auto switches marked with a "○" are produced upon receipt of order.
- * Note that the individual auto switch with part number of "S□□" and "T□□" have the right-hand-type (□□□1) and the left-hand-type (□□□2).
When you order the actuator with two auto switches at the part number of the actuator, one each of the right-hand-type and the left-hand-type are shipped together with the actuator.
- * When the MHZ2-10, MHZL2-10, MHL2-10 to 40, or MHS3-32 air gripper is ordered with auto switch, mounting brackets are supplied with the air gripper. When the auto switch is used at the square groove on the side with other cylinder bore sizes, or ordering only auto switches separately, mounting brackets (90-BMG2-012) are required. Order them separately. For details, refer to page 265.

Ordering the Auto Switches

Please be aware that the order part numbers for the rotary actuator mounted and individual auto switches are different.
 (Example) Part number for ordering D-M9BWL-900:

- Rotary actuator mounted type: 25A-MSQB-10A-M9BWL
- Individual auto switch: D-M9BWL-900
(Place the order with the part number for auto switch shown in the table above.)

* Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
 1 m..... M (Example) M9NWM
 3 m..... L (Example) M9NWL
 5 m..... Z (Example) M9NWZ

*1 Lead wire for a solid state auto switch with "-901" at the end of part number has been changed to a cable for a robot use.

Applicable Air Gripper Series

Type	Special function	Electrical entry	Indicator light	Auto switches					Air grippers										Directional Control Valves				
				Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector	JMHZ2	JMHZ2-X6900	JMHZ2-X7460	MHZ2	MHZL2	MHZJ2	MHZJ2-X6100		MHZL2-X5955			
							0.5 Nil	1 M	3 L	5 Z											SDPC	8 to 20	8 to 20
Solid state auto switch	Diagnostic indication (2-color indicator)	Grommet	Yes	In-line	In-line	D-M9N-900	●	●	●	○	—	●	●	●	●	●	●	●	●				
						D-M9P-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●		
						D-M9B-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●	
						Perpendicular	D-M9NV-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●
							D-M9PV-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●
						D-M9BV-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●	●
				In-line	D-M9NW-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●		
					D-M9PW-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●		
					D-M9BW-900	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●		
					Perpendicular	D-M9NVV-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●	
						D-M9PVV-900	●	●	●	○	—	●	●	●	●	●	●	●	●	●	●	●	
						D-M9BWW-900	●	●	●	○	○	●	●	●	●	●	●	●	●	●	●	●	
	In-line	D-Y59A-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		D-Y7P-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		D-Y59B-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		Perpendicular	D-Y69A-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
			D-Y7PV-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
			D-Y69B-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
	In-line	D-Y7NW-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		D-Y7PW-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		D-Y7BW-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—					
		Perpendicular	D-Y7NVV-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
			D-Y7PVV-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
			D-Y7BWW-900	●	—	●	○	—	—	—	—	—	—	●	●	—	—	—	—				
	In-line	In-line	D-S991-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S992-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S9P1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S9P2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-T991-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-T992-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
		Perpendicular	D-S99V1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-999V2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S9PV1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S9PV2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-T99V1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-T99V2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
	In-line	In-line	D-S791-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S792-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
			D-S7P1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
		2-wire	D-S7P2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	—	—	—					
D-T791-901*1			●	—	●	○	—	—	—	—	—	—	—	—	—	—	—						
D-T792-901*1			●	—	●	○	—	—	—	—	—	—	—	—	—	—	—						
Reed auto switch	—	Grommet	No	2-wire	In-line	D-A90-900	—	—	●	—	—	—	—	—	—	—	—						

- * Solid state auto switches marked with a "○" are produced upon receipt of order.
- * Note that the individual auto switch with part number of "S□□" and "T□□" have the right-hand-type (□□□1) and the left-hand-type (□□□2).
When you order the actuator with two auto switches at the part number of the actuator, one each of the right-hand-type and the left-hand-type are shipped together with the actuator.
- * When the MHZ2-10, MHZL2-10, MHL2-10 to 40, or MHS3-32 air gripper is ordered with auto switch, mounting brackets are supplied with the air gripper.
When the auto switch is used at the square groove on the side with other cylinder bore sizes, or ordering only auto switches separately, mounting brackets (90-BMG2-012) are required. Order them separately. For details, refer to page 265.

Ordering the Auto Switches

Please be aware that the order part numbers for the air gripper mounted and individual auto switches are different.
 (Example) Part number for ordering D-M9BWL-900:
 • Air gripper mounted type: 25A-MHZ2-16D-M9BWL * Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
 (Omit the first "D-" and the last "-900" or "-901".) 1 m..... M (Example) M9NWM
 • Individual auto switch: D-M9BWL-900 3 m..... L (Example) M9NWL
 (Place the order with the part number for auto switch shown in the table above.) 5 m..... Z (Example) M9NWZ

*1 Lead wire for a solid state auto switch with "-901" at the end of part number has been changed to a cable for a robot use.

25A- Series

Applicable Air Gripper Series

Type	Special function	Electrical entry	Indicator light	Auto switches					Air grippers										
				Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector	MHL2-Z	MHL2	MHF2	MHS3 MHS4	MHSJ3	MHY2	MHW2	
							0.5 Nil	1 M	3 L	5 Z									SDPC
Solid state auto switch	Diagnostic indication (2-color indicator)	Grommet	Yes	In-line	3-wire (NPN)	D-M9N-900	●	●	●	○	—	●	●	●	●	●	●		
						D-M9P-900	●	●	●	○	—	●	●	●	●	●	●		
					2-wire	D-M9B-900	●	●	●	○	—	●	●	●	●	●	●	●	
						D-M9NV-900	●	●	●	○	—	●	●	●	●	●	●	●	
					Perpendicular	3-wire (PNP)	D-M9PV-900	●	●	●	○	—	●	●	●	●	●	●	●
						2-wire	D-M9BV-900	●	●	●	○	—	●	●	●	●	●	●	●
				In-line	3-wire (NPN)	D-M9NW-900	●	●	●	○	—	●	●	●	●	●	●	●	
					3-wire (PNP)	D-M9PW-900	●	●	●	○	—	●	●	●	●	●	●	●	
					2-wire	D-M9BW-900	●	●	●	○	○	●	●	●	●	●	●	●	
					Perpendicular	3-wire (NPN)	D-M9NWV-900	●	●	●	○	—	●	●	●	●	●	●	●
						3-wire (PNP)	D-M9PWV-900	●	●	●	○	—	●	●	●	●	●	●	●
						2-wire	D-M9B WV-900	●	●	●	○	○	●	●	●	●	●	●	●
	In-line	3-wire (NPN)	D-Y59A-900	●	—	●	○	—	●	●	—	—	—	—	●				
		3-wire (PNP)	D-Y7P-900	●	—	●	○	—	●	●	—	—	—	—	●				
		2-wire	D-Y59B-900	●	—	●	○	—	●	●	—	—	—	—	●				
		Perpendicular	3-wire (NPN)	D-Y69A-900	●	—	●	○	—	●	●	—	—	—	—	●			
			3-wire (PNP)	D-Y7PV-900	●	—	●	○	—	●	●	—	—	—	—	●			
			2-wire	D-Y69B-900	●	—	●	○	—	●	●	—	—	—	—	●			
	Diagnostic indication (2-color indicator)	Grommet	Yes	In-line	3-wire (NPN)	D-Y7NW-900	●	—	●	○	—	●	●	—	—	—	—	●	
						D-Y7PW-900	●	—	●	○	—	●	●	—	—	—	—	●	
					2-wire	D-Y7BW-900	●	—	●	○	—	●	●	—	—	—	—	●	
						D-Y7NWV-900	●	—	●	○	—	●	●	—	—	—	—	●	
					Perpendicular	3-wire (PNP)	D-Y7PWV-900	●	—	●	○	—	●	●	—	—	—	—	●
						2-wire	D-Y7B WV-900	●	—	●	○	—	●	●	—	—	—	—	●
				In-line	3-wire (NPN)	D-S991-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
						D-S992-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
					3-wire (PNP)	D-S9P1-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
						D-S9P2-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
					2-wire	D-T991-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
						D-T992-901*1	●	—	●	○	—	—	—	—	—	—	—	—	
	Perpendicular	3-wire (NPN)	D-S99V1-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
			D-999V2-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
		3-wire (PNP)	D-S9PV1-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
			D-S9PV2-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
		2-wire	D-T99V1-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
			D-T99V2-901*1	●	—	●	○	—	—	—	—	—	—	—	—				
In-line	3-wire (NPN)	D-S791-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
		D-S792-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
	3-wire (PNP)	D-S7P1-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
		D-S7P2-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
	2-wire	D-T791-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
		D-T792-901*1	●	—	●	○	—	—	—	—	—	—	—	—					
Reed auto switch	—	Grommet	No	2-wire	In-line	D-A90-900	—	—	●	—	—	—	—	—	—	—			

- * Solid state auto switches marked with a "○" are produced upon receipt of order.
- * Note that the individual auto switch with part number of "S□□" and "T□□" have the right-hand-type (□□□1) and the left-hand-type (□□□2).
When you order the actuator with two auto switches at the part number of the actuator, one each of the right-hand-type and the left-hand-type are shipped together with the actuator.
- * When the MHZ2-10, MHZL2-10, MHL2-10 to 40, or MHS3-32 air gripper is ordered with auto switch, mounting brackets are supplied with the air gripper.
When the auto switch is used at the square groove on the side with other cylinder bore sizes, or ordering only auto switches separately, mounting brackets (90-BMG2-012) are required. Order them separately. For details, refer to page 265.

Ordering the Auto Switches

Please be aware that the order part numbers for the air gripper mounted and individual auto switches are different.
 (Example) Part number for ordering D-M9BWL-900:
 • Air gripper mounted type: 25A-MHZ2-16D-M9BWL * Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
 (Omit the first "D-" and the last "-900" or "-901".) 1 m..... M (Example) M9NWM
 • Individual auto switch: D-M9BWL-900 3 m..... L (Example) M9NWL
 (Place the order with the part number for auto switch shown in the table above.) 5 m..... Z (Example) M9NWZ

*1 Lead wire for a solid state auto switch with "-901" at the end of part number has been changed to a cable for a robot use.

Applicable Electric Actuator Series

Auto switches										Electric actuators			
Type	Special function	Electrical entry	Indicator light	Wiring (Output)	Electrical entry direction	Auto switch model	Lead wire length [m]				Pre-wired connector	LEJS	LEY
							0.5	1	3	5		40 to 63	16 to 40
							Nil	M	L	Z	SDPC		
Solid state auto switch	—	Grommet	Yes	3-wire (NPN)	In-line	D-M9N-900	●	●	●	○	—	●	●
				3-wire (PNP)		D-M9P-900	●	●	●	○	—	●	●
				2-wire		D-M9B-900	●	●	●	○	—	●	●
				3-wire (NPN)	Perpendicular	D-M9NV-900	●	●	●	○	—	●	●
				3-wire (PNP)		D-M9PV-900	●	●	●	○	—	●	●
				2-wire		D-M9BV-900	●	●	●	○	—	●	●
	Diagnostic indication (2-color indicator)	Grommet	Yes	3-wire (NPN)	In-line	D-M9NW-900	●	●	●	○	—	●	●
				3-wire (PNP)		D-M9PW-900	●	●	●	○	—	●	●
				2-wire		D-M9BW-900	●	●	●	○	○	●	●
				3-wire (NPN)	Perpendicular	D-M9NWV-900	●	●	●	○	—	●	●
				3-wire (PNP)		D-M9PWV-900	●	●	●	○	—	●	●
				2-wire		D-M9BWV-900	●	●	●	○	○	●	●

- * Solid state auto switches marked with a "○" are produced upon receipt of order.
- * Auto switches cannot be ordered with the actuator part number. They should be ordered separately. Please refer below for ordering. One each of the right-hand-type and the left-hand-type are shipped together with the actuator.

Ordering the Auto Switches

- Individual auto switch: D-M9BWL-900
(Place the order with the part number for auto switch shown in the table above.)
- * Lead wire length symbols: 0.5 m..... Nil (Example) M9NW
 1 m..... M (Example) M9NWM
 3 m..... L (Example) M9NWL
 5 m..... Z (Example) M9NWZ

Directional Control Valves
Air Cylinders
Related Products
Rotary Actuators
Air Grippers
Vacuum Equipment
Air Preparation Equipment
Clean Air Filters
Modular F.R.L./Pressure Control Equipment
Flow Control Equipment/Fittings
Detection Switches
Fluid Control Equipment
Process Gas Equipment
Electric Actuators
Auto Switches

25A- Series Auto Switch Mounting

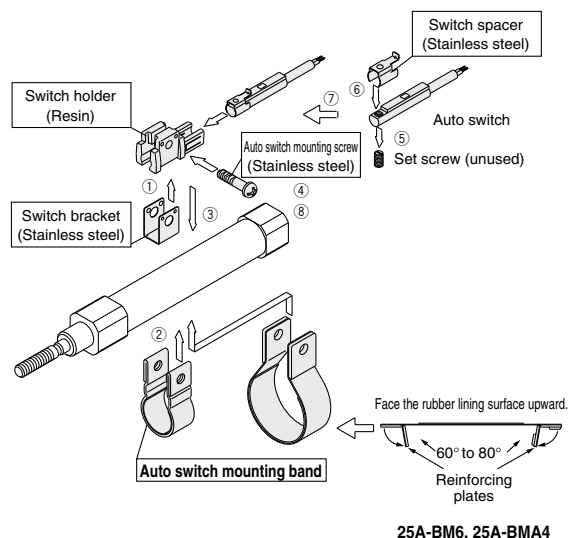
Band Mounting Type

Applicable cylinder series: 25A-CDJ2, 25A-CDJ2K, 25A-CDBJ2, 25A-CD85, 25A-CDM2, 25A-CDG1, 25A-CDBG1, 25A-MGG
 Applicable auto switches : D-M9□-900, D-M9□W-900, D-M9BWSVPC-900, D-M9BWSVPC-900, D-A90-900

Auto Switch Mounting Bracket Part Nos.

Cylinder series	Applicable bore size [mm]											
	8	10	12	16	20	25	32	40	50	63	80	100
25A-CDJ2 25A-CDJ2K 25A-CDBJ2	—	*1 25A-BJ7-010S	—	*1 25A-BJ7-016S	—	—	—	—	—	—	—	—
25A-CD85*4	*1 25A-BJ7-008S	*1 25A-BJ7-010S	*1 25A-BJ7-012S	*1 25A-BJ7-016S	*2 25A-BM6-020S	*2 25A-BM6-025S	—	—	—	—	—	—
25A-CDM2	—	—	—	—	*2 25A-BM6-020S	*2 25A-BM6-025S	*2 25A-BM6-032S	*2 25A-BM6-040S	—	—	—	—
25A-CDG1 25A-CDBG1	—	—	—	—	*3 25A-BMA4-020S	*3 25A-BMA4-025S	*3 25A-BMA4-032S	*3 25A-BMA4-040S	*3 25A-BMA4-050S	*3 25A-BMA4-063S	—	—
25A-MGG	—	—	—	—	*3 25A-BMA4-020S	*3 25A-BMA4-025S	*3 25A-BMA4-032S	*3 25A-BMA4-040S	*3 25A-BMA4-050S	*3 25A-BMA4-063S	—	—

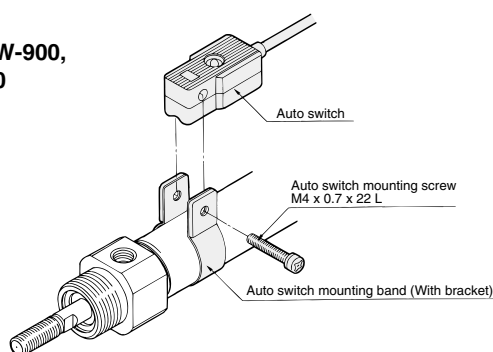
- *1 The combination of the auto switch mounting band (BJ2-□□□S) with a stainless steel screw (BJ3-1).
- *2 The combination of the auto switch mounting band (for BM2-□□□) and stainless steel screw (BBA4), and the holder set (BJ3-1).
- *3 The combination of the auto switch mounting band (for BMA2-□□□) and stainless steel screw (BBA4), and the holder set (BJ3-1).
- *4 D-A90L-900 auto switches cannot be mounted on bore size ø8, ø10, or ø12 cylinders.



Applicable cylinder series: 25A-CDG1, 25A-CDBG1
 Applicable auto switches : D-G5□-900, D-K59-900, D-G5□W-900, D-K59W-900, D-K59WSDPC-900

Auto Switch Mounting Bracket Part Nos.

Cylinder series	Applicable bore size [mm]	
	80	100
25A-CDG1 25A-CDBG1	BA-08S	BA-10S

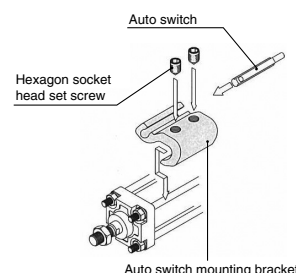


Tie-rod Mounting Type

Applicable cylinder series: 25A-MDB, 25A-CDA2, 25A-CDS2
 Applicable auto switches : D-M9□-900, D-M9□V-900, D-M9□W-900, D-M9□WV-900, D-M9BWSVPC-900, D-M9BWSVPC-900 : D-A90-900

Auto Switch Mounting Bracket Part Nos.

Cylinder series	Applicable bore size [mm]								
	32	40	50	63	80	100	125	140	160
25A-MDB	90- BMB5-032	90- BMB5-032	90- BA7-040	90- BA7-040	90- BA7-063	90- BA7-063	—	—	—
25A-CDA2	—	90- BA7-040	90- BA7-040	90- BA7-063	90- BA7-080	90- BA7-080	—	—	—
25A-CDS2	—	—	—	—	—	—	25A- BS6-125	25A- BS6-125	25A- BS6-160



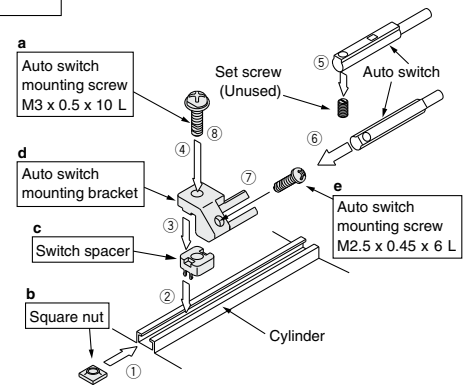
Rail Mounting Type

Applicable cylinder series: **25A-CDBQ2**

Applicable auto switches : **D-M9N(V)-900, D-M9P(V)-900, D-M9B(V)-900, D-M9NW(V)-900, D-M9PW(V)-900, D-M9BW(V)-900, D-M9NA(V)-900, D-M9PA(V)-900, D-M9BA(V)-900, D-A90-900**

Auto Switch Mounting Bracket Part No.

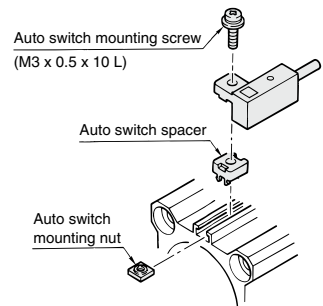
Cylinder series	Applicable bore size [mm]							
	20	25	32	40	50	63	80	100
25A-CDBQ2	—	—	25A-BQ2-032			—	—	—



Applicable auto switches: **D-F79-900, D-F7P-900, D-J79-900, D-F7NV-900, D-F7PV-900, D-F7BV-900, D-F79W-900, D-F7PW-900, D-J79W-900, D-F7NWV-900, D-F7BWV-900**

Auto Switch Mounting Bracket Part No.

Cylinder series	Applicable bore size [mm]								
	20	25	32	40	50	63	80	100	
25A-CDBQ2	—	—	25A-BQ-2						—



Directional Control Valves

Air Cylinders

Related Products

Rotary Actuators

Air Grippers

Vacuum Equipment

Air Preparation Equipment

Clean Air Filters

Modular F.R.L./Pressure Control Equipment

Flow Control Equipment/Fittings

Detection Switches

Fluid Control Equipment

Process Gas Equipment

Electric Actuators

Auto Switches

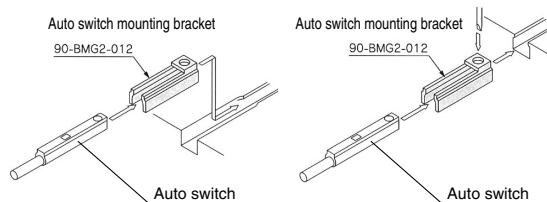
25A- Series

Direct Mounting Type

Applicable cylinder series : 25A-CDJP2, 25A-MDU, 25A-MY1B, 25A-MY1M, 25A-MY1C, 25A-MY1H, 25A-MY3□, 25A-CY3R, 25A-MGP-Z, 25A-MGP-AZ, 25A-RSH

Applicable air gripper series: 25A-MHZ(L)2, 25A-MHL2, 25A-MHS3, MHS4

Applicable auto switches : D-M9□-900, D-M9□V-900, D-M9□W-900, D-M9□WV-900, D-M9BWS DPC-900, D-M9BWS DPC-900 : D-A90L-900



Auto Switch Mounting Bracket Part Nos.

Cylinder series Air gripper series	Applicable bore size [mm]													
	4	6	10	12	15	16	20	25	32	40	50	63	80	100
25A-CDJP2	Not required	Not required	Not required	—	—	Not required	—	—	—	—	—	—	—	—
25A-MDU	—	—	—	—	—	—	—	MUZ-025	MUZ-025	MUZ-025	MUZ-025	MUZ-025	—	—
25A-MY1B	—	—	—	—	—	Not required	Not required	BMY3-016	BMY3-016	BMY3-016	—	90-BMG2-012	—	—
25A-MY1M	—	—	—	—	—	Not required	Not required	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	—	—
25A-MY1C	—	—	—	—	—	Not required	Not required	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	—	—
25A-MY1H	—	—	—	—	—	Not required	Not required	BMY3-016	BMY3-016	BMY3-016	—	—	—	—
25A-MY3□	—	—	—	—	—	BMY3-016	BMY3-016	BMY3-016	BMY3-016	BMY3-016	BMY3-016	BMY3-016	—	—
25A-CY3R	—	—	—	—	Not required	—	Not required	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	—	—
25A-MGP-Z 25A-MGP-AZ	—	—	—	Not required	—	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required
25A-RSH	—	—	—	—	—	—	90-BMG2-012	—	90-BMG2-012	—	—	—	—	—
25A-MHZ2	—	—	90-BMG2-012	—	—	*1	*1	*1	*1	*1	—	—	—	—
25A-MHZL2	—	—	90-BMG2-012	—	—	*1	*1	*1	—	—	—	—	—	—
25A-MHL2	—	—	90-BMG2-012	—	—	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	90-BMG2-012	—	—	—	—
25A-MHS3 25A-MHS4	—	—	—	—	—	Not required	Not required	Not required	90-BMG2-012	—	—	—	—	—

*1 When mounting D-M9 type of auto switch onto the square groove of the side of the air gripper, the auto switch mounting bracket (90-BMG2-012) is required.