

Miniature Guide Rod Cylinder

Series MGJ

ø6, ø10

How to Order

Miniature Guide Rod Cylinder

MGJ 6-10-F8N

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Bore size

6	6 mm
10	10 mm

Cylinder stroke (mm)

Refer to the following table ① and ②.

Number of auto switches

Nil	2 pcs.
S	1 pc.

Auto switch type

Nil	Without auto switch (Built-in magnet)
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* Select the applicable auto switch from the table below.

Table ① Standard Strokes

Bore size (mm)	Standard stroke (mm)
6	5, 10, 15
10	5, 10, 15, 20

Table ② Intermediate Stroke (by the 1 mm stroke)

Bore size (mm)	Applicable stroke (mm)
6	1 to 15 (Spacer type)
10	1 to 20 (Spacer type)
Example	Model no.: MGJ6-9 Installing a 1 mm width spacer for MGJ6-10 External size: same as MGJ6-10

* The minimum auto switch mounting stroke with 2 auto switches is 4 mm.

Applicable Auto Switches/Refer to pages 1719 to 1827 for detailed auto switch specifications.

Type	Special function	Electrical entry	Indicator light	Wiring (output)	Load voltage		Auto switch part no.			Applicable load		
					DC	Direct mounting	Lead wire length (m)					
							0.5 (Nil)	3 (L)	5 (Z)			
Solid state switch	—	Grommet (Perpendicular)	Yes	3-wire (NPN)	24 V	5 V	F8N	●	●	○	IC circuit	Relay PLC
				12 V		F8P	●	●	○			
				2-wire	12 V	F8B	●	●	○	—		

* Lead wire length symbols: 0.5 m Nil (Example) F8N
3 m L (Example) F8NL
5 m Z (Example) F8NZ

* Auto switches marked with ○ are produced upon receipt of order.
* When using non-applicable auto switches, please consult with SMC.
* Auto switch is shipped together (not assembled).