

Two-way automatic kit, pneumatic

Part number: WM1-K-03-00

AUTOMATIC KIT PNEUMATIC



WM1-K-02-01





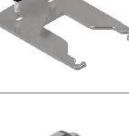








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DESCRIPTION

With the **WINGMAN automatic kit**, you get the necessary items to achieve easy **manual** and **automatic** tool changes between two tools and with two channel pneumatic pass-through. The kit can be upgraded with additional pass-through modules for added pass-through capability. The kit fits directly onto all collaborative robots with the standard ISO 9409-1-50-4-M6 flange.

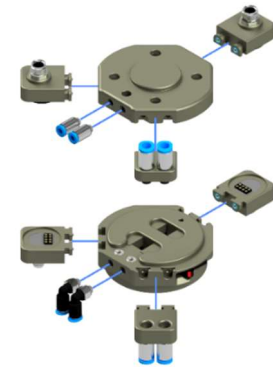
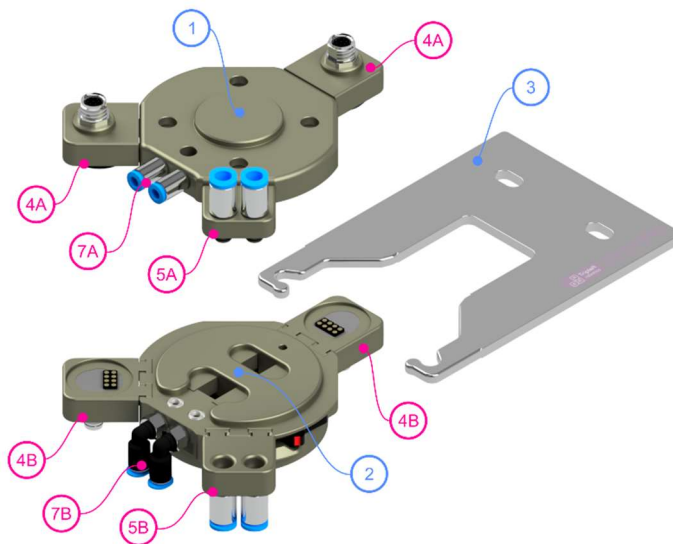
INCLUDED ITEMS

Qty.:	Part no.:	Description:	Picture:	Qty.:	Part no.:	Description:	Picture:
1	WM1-P-01-01	Robot part including 4 pcs. screw, 1 pcs positioning pin and URcap software.		0	WM1 A-01-01	Pass-through module, electric for robot part , M8 8 positions female.	
2	WM1-P-02-01	Tool part.		0	WM1 A-01-02	Pass-through module, electric for tool part , M8 8 positions male.	
2	WM1-P-03-01	Tool part holder including 2 pcs. wing screws.		0	WM1 A-02-01	Electric cable 0,22 m for pass-through module, M8 8 pin, male/female connector L shape. For Cobots with male tool connector.	
0	WM1-A-06-01	Pass-through fitting, set 2 x M5 4mm hose I shape for robot part and tool part .		0	WM1 A-02-02	Electric cable 0,22 m for pass-through module, M8 8 pin, male/male connector L shape. For Cobots with female tool connector.	
0	WM1-A-06-02	Pass-through fitting, set 2 x M5 4mm hose L shape for tool part .		0	WM1 A-02-03	Electric cable 5 m for pass-through module for robot part , M8 8 pin, male/open-end to connect to controller.	
0	WM1-A-05-01	Case for two-way automatic kit of any configuration.		0	WM1-A-03-01	Pass-through module, High Flow for robot part , 2 x Ø6 mm hose fittings.	
				0	WM1-A-03-02	Pass-through module, High Flow for tool part , 2 x Ø6 mm hose fittings.	

Product data

Overview and part numbers

PART NUMBERS



- Two built-in pneumatic pass-throughs for M5 fittings.
- Three positions for interchangeable pass-through modules

Pos.:	Part no.:	Description:	Interfaces with:
1	WM1-P-01-01	Robot part including: 4 pcs. screws M6x12mm ISO 10642 1 pcs. positioning pin 6mmH6 URcap software	Pos.: 2, 4A, 5A
2	WM1-P-02-01	Tool part	Pos.: 1, 3, 4B, 5B
3	WM1-P-03-01	Tool part holder including 2 pcs. wing screws.	Pos.: 2
4A	WM1-A-01-01	Pass-through module, electric for robot part, M8 8 positions female.	Pos.: 1, 4B
4B	WM1-A-01-02	Pass-through module, electric for tool part, M8 8 positions male.	Pos.: 2, 4A
	WM1-A-02-01	Electric cable 0,22 m for pass-through module, M8 8 pin, male/female connector L shape. For Cobots with male tool connector.	Pos.: 4A, 4B
	WM1-A-02-02	Electric cable 0,22 m for pass-through module, M8 8 pin, male/male connector L shape. For Cobots with female tool connector.	Pos.: 4A
	WM1-A-02-03	Electric cable 5 m for pass-through module for robot part , M8 8 pin, male/open-end to connect to controller.	Pos.: 4A
5A	WM1-A-03-01	Pass-through module, High Flow pneumatic for robot part, 2 x Ø6 mm hose fittings.	Pos.: 1, 5B
5B	WM1-A-03-02	Pass-through module, High Flow pneumatic for tool part, 2 x Ø6 mm hose fittings.	Pos.: 2, 5A
	WM1-A-05-01	Case for two-way automatic kit of any configuration.	
7A	WM1-A-06-01	Pass-through fitting, set 2 x M5 4mm hose I shape.	Pos.: 1, 2
7B	WM1-A-06-02	Pass-through fitting, set 2 x M5 4mm hose L shape.	Pos.: 2

KITS

	WM1-K-01-00	One-way manual kit
	WM1-K-02-00	Two-way manual kit
	WM1-K-03-00	Two-way automatic kit, built-in pneumatic
	WM1-K-04-00	Two-way automatic kit, built-in pneumatic + electric modules
	WM1-K-05-00	Two-way automatic kit, built-in pneumatic + electric + high flow modules
	WM1-AK-01-00	Accessories kit for Universal Robots
	WM1-AK-02-00	Accessories kit for Techman robots

SPARE PARTS

	WM1-S-01-01	Spare part kit for Tool Part levers WM1-P-02-01. (including 2 pcs. levers, 4 pcs. bearings, 2 pcs. springs and 2 pcs. pins.)	Pos.: 2
	WM1-S-01-02	Spare part kit for Tool Part lock pads WM1-P-02-01. (including 2 pcs. lock pads, 4 pcs. bearings, 2 pcs. spring supports, 2 pcs. springs and 2 pcs. pins.)	Pos.: 2