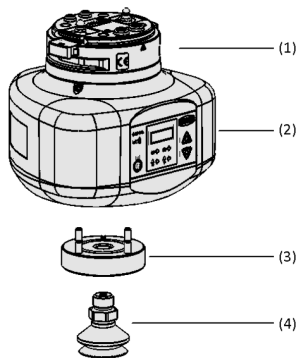


Electrical Vacuum Generator ECBPi MATCH

Electrical Vacuum Generator ECBPi for End-of-Arm Ecosystem MATCH



Electrical Vacuum Generator ECBPi MATCH



System design Electrical Vacuum Generator ECBPi MATCH



Electrical vacuum generator ECBPi MATCH when handling plastic sheets

Suitability for industry specific applications

Application

- Vacuum generator with gripper for handling airtight and slightly porous workpieces
- Use within the End-of-Arm Ecosystem MATCH in combination with vacuum and mechanical grippers, assisted by digital services (e.g. setup wizard)
- Flexible use in human-robot collaboration (MRK environment) as well as in mobile robotics

Design

- Connection suitable for all quick-change modules RMQC of the MATCH platform (1)
- Intuitive operation via buttons and clear display as well as NFC interface for convenient data transfer via smartphone (2)
- Flange for individual gripper connection with G1/4" thread (3)
- Including flat and bellows suction cups (4)

Product highlights

- Ready-to-connect handling set for easy assembly and commissioning (plug & work)
- Full compatibility with MATCH platform (suitable quick-change module RMQC for robot type must be ordered separately)
- Wide range of applications due to interchangeable suction cups or gripping systems
- Saving of compressed air hoses due to purely electrical operation
- Integrated ventilation valve for fast, precise placement of the workpiece during handling

 Designation code Electrical Vacuum Generator ECBPi MATCH

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ECBPi	–	12	–	24V-DC	–	MATCH
1		2		3		4

1 – Abbreviated designation

Code	Version
ECBPi	ECBPi

2 – Performance class

Code	Suction rate in l/min
12	12

3 – Voltage

Code	Operating voltage
24V-DC	24V-DC

4 – Design

Code	Type
MATCH	MATCH

The delivery consists of:

- Electrical vacuum generator ECBPi MATCH
- Suction cup SFF / SPB1
- USB stick with software
- G1/4"-F flange for suction cup connection

Suitable quick-change module RMQC must be ordered separately.

Ordering data Electrical Vacuum Generator ECBPi MATCH

Type	Part no.
ECBPi 12 24V-DC MATCH	10.03.01.00626

Ordering data Accessories Electrical Vacuum Generator ECBPi MATCH

Accessories	Part no.
Quick change module RMQC	RMQC 50 URe DIO WB-M8-8 NPN MATCH
Quick change module RMQC	RMQC 50 HANWHA DIO WB-M8-8 NPN MATCH
Quick change module RMQC	RMQC 50 DOOSAN DIO WS-M8-8 PNP MATCH
Quick change module RMQC	RMQC 50 TM DIO WS-M8-8 NPN MATCH
Quick change module RMQC	RMQC 50 FANUC DIO WB-M8-8 PNP MATCH
Quick change module RMQC	RMQC 50 URe RS-485 WB-M8-8 MATCH
Quick change module RMQC	RMQC 50 ABB DIO 2xM8-3/4 PNP MATCH
Quick change module RMQC	RMQC 50 ABB IOL 2xM8-3/4 MATCH
Quick change module RMQC	RMQC 50 ABB IOL LED 2xM8-3/4 MATCH
Quick change module RMQC	RMQC 31.5 ABB IOL M12-12 MATCH
Quick change module RMQC	RMQC 31.5 ABB IOL LED M12-12 MATCH
Quick change module RMQC	RMQC 31.5 ABB DIO M12-12 PNP MATCH
Quick change module RMQC	RMQC 31.5 ABB IOL M12-12 MATCH
Quick change module RMQC	RMQC 31.5 ABB IOL LED M12-12 MATCH

Type	Part no.
Storage station	STATION 150x110x22 MATCH
	10.08.09.00013

Spare parts	Part no.
Gripper, 120 x 120, suction cup	RFBP 120 120 BA SPB2
Gripper, 120 x 120, foam	RFBP 120 120 BA O10
Gripper, 100 x 58, suction cup	RFBP 100 58 BA SPB2
Gripper, 100 x 58, foam	RFBP 100 58 BA O10
Gripper, 50 x 50, foam	RFBP 50 50 BA SPB2
-	VEE-FE 25.4x81.5
-	VEE-FE 25.4x131.5
-	VEE-FE 25.4x181.5

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Technical data Electrical Vacuum Generator ECBPi MATCH

Type	Suction rate (max.) [l/min]	Max. vacuum [mbar]	Rated power [W]	Voltage	Rated current [A]	Operating temperature	Weight [g]
ECBPI 12 24V-DC MATCH	12	750	13	24 V - DC	0.6	5 ... 45 °C	1,135

Design data Electrical Vacuum Generator ECBPi MATCH

Type	D [mm]	D1 [mm]	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	X1 [mm]
ECBPI 12 24V-DC MATCH	151.5	86.5	143	155.5	114.0	18.00	43