

Electrical Vacuum Generator ECBPMi MATCH

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



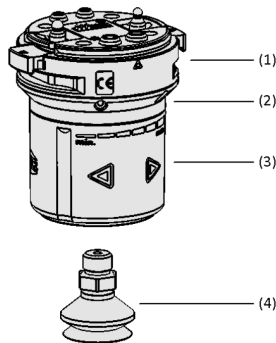
Suitability for industry specific applications

Application

- Vacuum generator with gripper for handling suction-tight workpieces
- Use within the End-of-Arm Ecosystem MATCH in combination with vacuum and mechanical grippers and supported by digital services (e.g. setup wizard)
- Flexible use in combination with lightweight robots and cobots



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Design

- Connection suitable for all quick-change modules RMQC of the MATCH platform (1)
- Circumferential status display (2)
- Intuitive operation through user interface with capacitive keys (3)
- Including flat and bellows suction cups (4)

System design Electrical Vacuum Generator ECBPMi MATCH



Electrical vacuum generator ECBPMi MATCH when handling small cartons

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 thanks to interchangeable suction cups
- Saving of compressed air hoses due to purely electrical operation

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Designation code Electrical Vacuum Generator ECBPMi MATCH

ECBPMi	–	24V-DC	–	MATCH
1		2		3

1 – Abbreviated designation

Code	Version
ECBPMi	ECBPMi

2 – Voltage

Code	Operating voltage
24V-DC	24V-DC

3 – Design

Code	Type
MATCH	MATCH

The delivery consists of:

- Electrical vacuum generator ECBPMi MATCH
- Suction cup SFF / SPB1
- USB stick with software

Suitable quick-change module RMQC must be ordered separately.

Ordering data Electrical Vacuum Generator ECBPMi MATCH

Type	Part no.
ECBPMi 24V-DC MATCH	10.03.01.00661

Ordering data Accessories Electrical Vacuum Generator ECBPMi MATCH

Accessories	Part no.
Quick change module RMQC	10.08.09.00001
Quick change module RMQC	10.08.09.00002
Quick change module RMQC	10.08.09.00003
Quick change module RMQC	10.08.09.00004
Quick change module RMQC	10.08.09.00005
Quick change module RMQC	10.08.09.00010
Quick change module RMQC	10.08.09.00016
Quick change module RMQC	10.08.09.00017
Quick change module RMQC	10.08.09.00018
Quick change module RMQC	10.08.09.00019
Quick change module RMQC	10.08.09.00020
Quick change module RMQC	10.08.09.00021
Quick change module RMQC	10.08.09.00022
Quick change module RMQC	10.08.09.00023

Type	Part no.
Storage station	10.08.09.00013

Accessories	Part no.
Lightweight Gripper	10.01.10.14043
Lightweight Gripper	10.01.10.14042
Lightweight Gripper	10.01.10.14041
Flange extension VEE-FE	10.01.36.00130
Flange extension VEE-FE	10.01.36.00109
Flange extension VEE-FE	10.01.36.00128

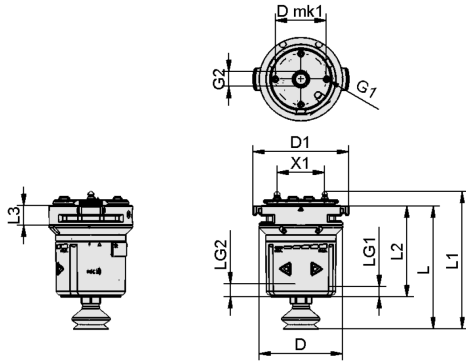
Technical data Electrical Vacuum Generator ECBPMi MATCH

Type	Suction rate (max.) [l/min]	Rated power [W]	Voltage	Rated current [A]	Degree of evacuation [%]	Operating temperature	Electrical connection	Lift capacity (horizontal) [N]	Lift capacity (vertical) [N]
ECBPMi 24V-DC MATCH	1.6	7.2	24 V - DC	0.3	60	0 ... 40 °C	-	10	30

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Type	D [mm]	D1 [mm]	D mk1 [mm]	G1	G2	L [mm]	L1 [mm]	L2 [mm]	L3 [mm]	LG2 [mm]	LG1 [mm]	X1 [mm]
ECBPMi 24V-DC MATCH	75	86.5	46	M4-F	G1/4"-F	110.9	123.9	81.91	19	11	6	43