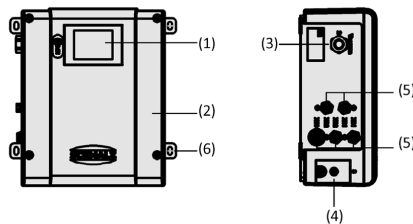


Electrical Compact Pump GCPI

Suction rate up to 46 l/min



Electrical Compact Pump GCPI



System design Electrical Compact Pump GCPI



Electrical Compact Pump GCPI when handling cardboard boxes

Suitability for industry specific applications

Applications

- Electrical vacuum generator for compressed air free manufacturing and assembly
- Flexible use in vacuum automation as well as in mobile robotics with autonomous transport systems (AGV) and robots (AMR)
- Handling of both suction-tight and porous workpieces thanks to high suction capacity and quick ventilation function
- Intelligent vacuum control for gentle handling of delicate workpieces such as thin sheets or glass

Design

- User-friendly LCD touch display (1) for setting the most important process parameters
- Vacuum unit in compact plastic housing (2)
- Vacuum connection G1/4"-F (3)
- Silencer (4) for reducing the sound level
- Electrical interfaces M12-5 (5)
- Mounting lugs (6) for installation

Product highlights

- Ideal for decentralized installation in automation systems for the realization of fast handling processes
- Cost savings through energy-efficient, all-electric vacuum generation and ventilation via 24 V technology
- Integrated control unit for controlling external components and monitoring the entire vacuum system
- IO-Link and NFC interfaces allow fast and cost-effective commissioning
- Setting of the most important process parameters via user-friendly touch display

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Designation code Electrical Compact Pump GCPI

GCPI	–	50	–	5xM12-5
1		2		3

1 – Abbreviated designation

Code	Version
GCPI	GCPI

2 – Performance class

Code	Suction rate in l/min
46	46

3 – Connection electrical


Code	Connection
5xM12-5	5xM12, 5x5-pole

The Electric Compact Pump GCPI is delivered as a ready-to-connect product.

Available spare parts: silencer, filter screen

Available accessories: connection cable

Ordering data Electrical Compact Pump GCPI

Type	Part no.
GCPI 50 5xM12-5	10.03.01.00648 

Ordering data Spare parts Electrical Compact Pump GCPI

Spare parts	Part no.
SD G3/8-AG 20x56 SEG	Silencer (round) 10.02.01.00905
GEH 94x30.75x45.3 GCPI	Housing (complex shape) 10.03.01.00770
SIEB 14x2 A2 0.415/0.22	Sieve, round 10.02.02.03377

Ordering data Accessories Electrical Compact Pump GCPI

Accessories	Part no.
P-LEIT-LK B-M12-5 5m OK	Power cable, M12-5 socket, 5 m, PUR, straight 21.04.05.00352
ASK B-M12-5 5000 K-5P	Connection cable, M12 5-pole, 5 m, PUR, straight 21.04.05.00080
AK-SB-M12-G 5m A 5P	Connection cable, M12-5 female connector, M12-5 connector, 5 m, PU, straight 21.04.05.00931
ZUB GCPI GUMMI-PUFF	Rubber buffer 10.03.01.00809
VFT G1/4-IG 80	Vacuum cup filter 10.07.01.00119

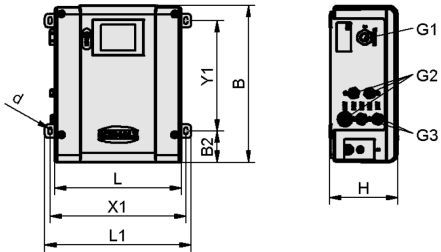
Technical data Electrical Compact Pump GCPI

Type	Suction rate (max.) [l/min]	Voltage [V]	Protection type IP	Operating temperature	Weight [g]
GCPI 50 5xM12-5	46	24V - DC	IP 54	0 ... 45 °C	3,220

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Design data Electrical Compact Pump GCPI



GCPI

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Design data Electrical Compact Pump GCPI

Type	B [mm]	d [mm]	B2 [mm]	G1	G2	G3	H [mm]	L [mm]	L1 [mm]	X1 [mm]	Y1 [mm]
GCPI 50 5xM12-5	236	6.6	47	G1/4"-F	M12x1-M	M12x1-F	102	190	220	204	166

Multimedia product presentation

Medium	Link
Product video	https://vimeo.com/729956555 https://vimeo.com/825860768