

Compact ejector

SCPSi 07 G02 NC M12-5

Part no.: 10.02.02.04121

<https://www.schmalz.co.jp/10.02.02.04121>

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Compact ejector with integrated air- saving control in slim design and IO-Link functionality



Nozzle size: 07

Connection: G1/8" (1)–G1/8" (2)

Electrical connection: Male connect M12, 5 pol

Suction rate (max.): 16 l/min

Air consumption suction: 22 l/min

Pressure range (operating pressure): 3.0 ... 6.0 bar

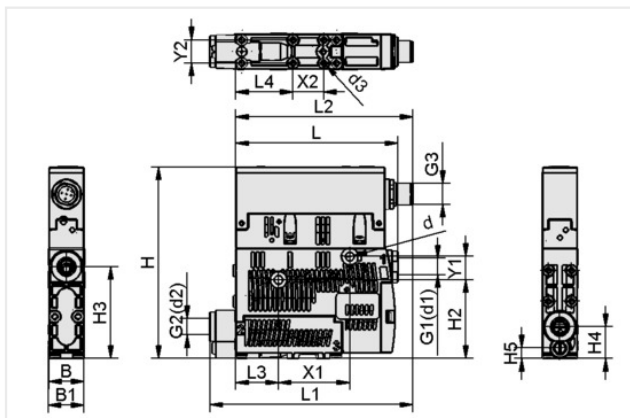
Protection type IP: IP 65 (with plug)

Max. vacuum: –850 mbar

Control valve: Normally closed

Function: Digital air-saving function

Design Data



Attribute	Value
B	18 mm
B1	18.60 mm
d	4.40 mm
d3	2.60 mm
G1	G1/8"–F
G2	G1/8"–F
G3	M12x1–M
H	99 mm
H2	40.80 mm
H3	47.50 mm
H4	16.50 mm
H5	5.50 mm
L	83.80 mm
L1	105 mm
L2	91.50 mm
L3	22 mm
L4	29.50 mm
X1	36.90 mm
X2	16 mm
Y1	12 mm
Y2	12 mm

Contact Schmalz

Schmalz K.K. | 3001-7 Odana-cho, Tsuzuki-ku, 224-0027 Yokohama, Japan | +81 45 565 5150 | schmalz@schmalz.co.jp

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Technical Data

Attribute	Value
Nozzle size	07
Degree of evacuation	85 %
Suction rate (max.)	0.98 m³/h
Suction rate (max.)	16 l/min
Air consumption suction	1.35 m³/h
Air consumption suction	22 l/min
Air consumption blow off	7.20 m³/h
Max. air consumption blow off	120 l/min
Sound level free	63 dB(A)
Sound level suction	58 dB(A)
Pressure range (operating pressure)	3.0 ... 6.0 bar
Recomm. internal hose diameter compressed air	4 mm
Recomm. internal hose diameter vacuum	4 mm
Weight	0.20 kg
Operating temperature	0 ... 50 ° C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	0.57 cfm
Air consumption suction	0.78 cfm
Air consumption blow off	4.24 cfm
Max. vacuum	-25.10 inHg
Control valve	Normally closed
Product family	SCPSi

Accessories



ASK B-M12-5 5000 K-5P

Part no.: 21.04.05.00080

Electrical connection: Fem connect M12, 5 pol

Cable length: 5,000 mm

Material hose: PUR cable

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ASV SM/CPi B-M12-5 2xS-M12-4

Part no.: 10.02.02.03490

Pressure range (operating pressure): bar

Length L: 1,050 mm



VFI CN6/4 50

Part no.: 10.07.01.00241

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



VFI CN8/6 50

Part no.: 10.07.01.00245

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm

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SET SCPS

Part no.: 10.02.02.04343

Length L: 113 mm

Width B: 70 mm

Height H: 73 mm

Construction use: Compact ejectors SCPS/SCPSi



ABL-SET SCPS einstufig

Part no.: 10.02.02.04216

Construction use: Compact ejectors SCPS/SCPSi

Size: einstufig

Length L: 14 mm

Width B: 18 mm

Weight: 16.2 g



ASK B-M12-5 1000 S-M12-5

Part no.: 21.04.05.00158

Pressure range (operating pressure): bar

Electrical connection: Fem connect M12, 5 pol

Cable length: 1,000 mm

Material hose: PUR cable

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ASK B-M12-5 2000 S-M12-5

Part no.: 21.04.05.00211

Pressure range (operating pressure): bar

Electrical connection: Fem connect M12, 5 pol

Cable length: 2,000 mm

Material hose: PUR cable



GP 3 SCPS 07.15 G2

Part no.: 10.02.02.04884

Number of connections: 3

Length L: 89.4 mm

Width B: 38 mm

Height H: 34 mm

Weight: 177 g



GP 4 SCPS 07.15 G2

Part no.: 10.02.02.04338

Number of connections: 4

Length L: 108 mm

Width B: 38 mm

Height H: 34 mm

Weight: 200.3 g

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GP 5 SCPS 07..15 G2

Part no.: 10.02.02.04858

Number of connections: 5

Length L: 126.6 mm

Width B: 38 mm

Height H: 34 mm

Weight: 194.3 g



GP 6 SCPS 07..15 G2

Part no.: 10.02.02.04837

Number of connections: 6

Length L: 145.2 mm

Width B: 38 mm

Height H: 34 mm

Weight: 245.9 g



GP 8 SCPS 07..15 G2

Part no.: 10.02.02.04937

Number of connections: 8

Length L: 182.4 mm

Width B: 38 mm

Height H: 34 mm

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HUT-SN-KL 75x18x9 SCPS

Part no.: 10.02.02.04149

Length L: 75 mm

Width B: 18 mm

Height H: 9 mm

Construction use: Compact ejectors SCPS/SCPSi



VFI 6/4 50

Part no.: 10.07.01.00328

Connection: Hose 6/4

Filter pore size: 50 µm

Spare parts



SD-EINS 15x16.5 SD

Part no.: 10.02.02.04141

Construction use: Silencer

External diameter D: 15 mm

Length L: 16.5 mm

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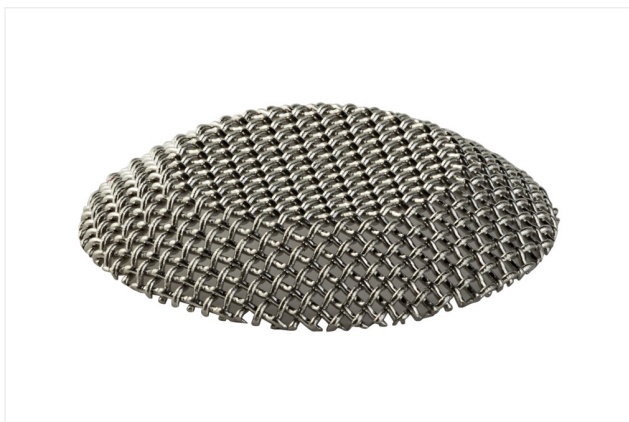
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SIEB 11x2 X-5 0.415/0.22

Part no.: 10.02.02.04404

External diameter D: 11 mm

Length L: 2 mm

Material: Stainless steel X5 CrNi



VST SCPS-einstuf-SD

Part no.: 10.02.02.04737

Construction use: Compact ejectors SCPS/SCPSi

Size: einstuf-SD

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