

Compact ejector

SCPS 10 G02 NC M12-5 PNP

Part no.: 10.02.02.04114

<https://www.schmalz.com/10.02.02.04114>

Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Compact Ejectors > Compact Ejectors SCPS / SCPSi > SCPS 10 G02 NC M12-5 PNP

Compact ejector with integrated air saving control in narrow design



Nozzle size: 10

Connection: G1/8"(1)-G1/8"(2)

Electrical connection: Male connect M12, 5 pol

Suction rate (max.): 36 l/min

Air consumption suction: 46 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

Construction shape vacuum switch: PNP switching

Design Data

Contact Schmalz

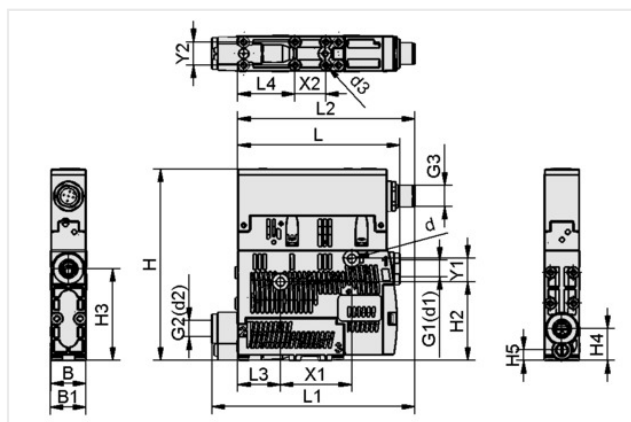
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Attribute	Value
B	18 mm
B1	18.60 mm
d	4.40 mm
d3	2.60 mm
G1	G1/8"-F
G2	G1/8"-F
G3	M12x1-M
H	99 mm
H2	40.80 mm
H3	47.50 mm
H4	16.50 mm
H5	5.50 mm
L	83.80 mm
L1	105 mm
L2	91.50 mm
L3	22 mm
L4	29.50 mm
X1	36.90 mm
X2	16 mm
Y1	12 mm
Y2	12 mm

Technical Data

Attribute	Value
Nozzle size	10
Degree of evacuation	85 %
Suction rate (max.)	2.21 m³/h
Suction rate (max.)	36 l/min
Air consumption suction	2.85 m³/h
Air consumption suction	46 l/min
Air consumption blow off	7.20 m³/h
Max. air consumption blow off	120 l/min
Sound level free	75 dB(A)
Sound level suction	61 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

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Operating temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 ... 87.0
Suction rate (max.)	1.27 cfm
Air consumption suction	1.62 cfm
Air consumption blow off	4.24 cfm
Max. vacuum	-25.10 inHg
Control valve	Normally closed
Product family	SCPS

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



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

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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



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

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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



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

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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



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

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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



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

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VFI 6/4 50

Part no.:10.07.01.00328

Connection: Hose 6/4

Filter pore size: 50 µm



VFT G1/8-IG 80

Part no.:10.07.01.00116

Connection: G1/8"-F

Shape: Short filter insert

Nominal flow rate: 45 l/min

Nominal flow rate: 2.7 m³/h

Filter pore size: 80 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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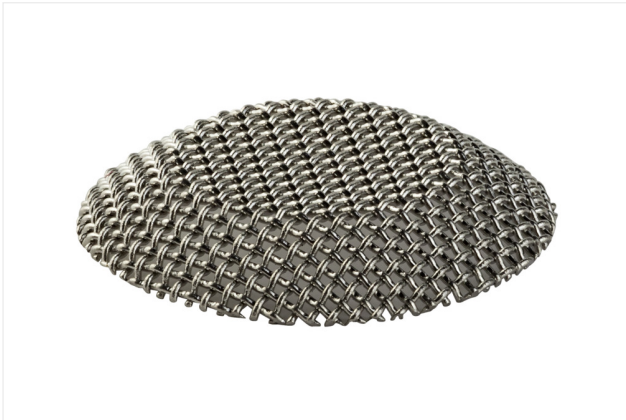
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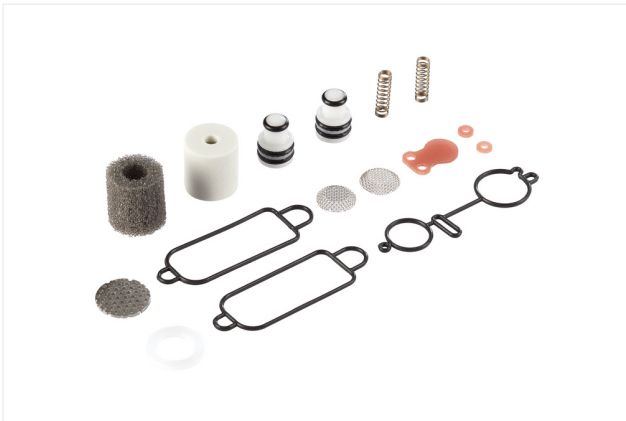
SIEB 11x2 X-5 0.415/0.22

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