

## Compact ejector

### SCPS 07 G02 NO M12-5 PNP

Part no.:10.02.02.04111

<https://www.schmalz.com/10.02.02.04111>

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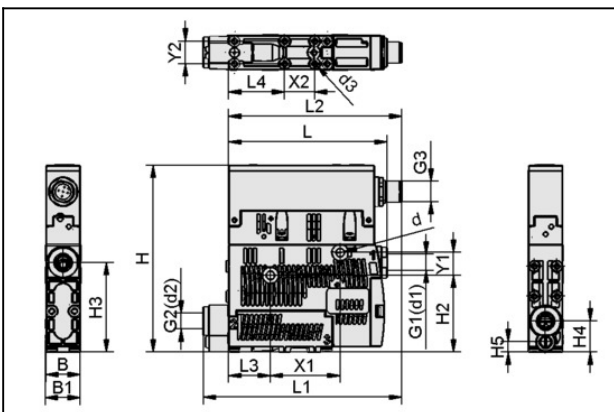


## Compact ejector



Nozzle size: 0,7 mm  
 Connection: G1/8"(1)-G1/8"(2)  
 Electrical connection:  
 Male connect M12, 5 pol  
 Suction rate (max): 16 l/min  
 Air consumption (during evac.):  
 22 l/min  
 Noise level (free): 63 dB  
 Pressure range (operating pressure):  
 2.0 ... 6.0 bar  
 Vacuum (max): -850 mbar  
 Control: Normally open  
 with: digital air-saving function  
 Type: Switches to plus  
 Protection: IP 65 (with plug)

## Design Data



| Attribute | Value    |
|-----------|----------|
| B         | 18 mm    |
| B1        | 18.6 mm  |
| d         | 4.4 mm   |
| d3        | 2.6 mm   |
| G1        | G1/8"-IG |
| G2        | G1/8"-F  |
| G3        | M12x1-M  |
| H         | 99 mm    |
| H2        | 40.8 mm  |

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| Attribute | Value   |
|-----------|---------|
| H3        | 47.5 mm |
| H4        | 16.5 mm |
| H5        | 5.5 mm  |
| L         | 83.8 mm |
| L1        | 105 mm  |
| L2        | 91.5 mm |
| L3        | 22 mm   |
| L4        | 29.5 mm |
| X1        | 36.9 mm |
| X2        | 16 mm   |
| Y1        | 12 mm   |
| Y2        | 12 mm   |

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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      | 7.25 m³/h |
| Max. air consumption blow off | 118 l/min |
| Sound level free              | 63 dB(A)  |
| Sound level suction           | 58 dB(A)  |

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| Attribute                                     | Value           |
|-----------------------------------------------|-----------------|
| Pressure range (operating pressure)           | 2.0 ... 6.0 bar |
| Recomm. internal hose diameter compressed air | 4 mm            |
| Recomm. internal hose diameter vacuum         | 4 mm            |
| Weight                                        | 0.195 kg        |
| Operating temperature                         | 0 ... 50 °C     |
| Pressure range (operating pressure)           | 29.0...87.0     |
| Suction rate (max.)                           | 0.565 cfm       |
| Air consumption suction                       | 0.776 cfm       |
| Air consumption blow off                      | 4.267 cfm       |
| Max. vacuum                                   | -25.1 inHg      |
| Product family                                | SCPS            |

## Spare Parts



### **SD-EINS 15x16.5 SD**

Part no.10.02.02.04141

Silencer insert

External diameter D: 15 mm

Length L: 16.5 mm

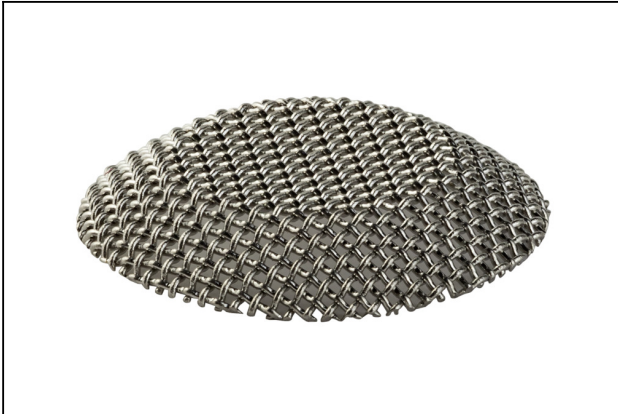
for: Silencers

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#### **SIEB 11x2 X-5 0.415/0.22**

Part no.10.02.02.04404

Screen

External diameter D: 11 mm

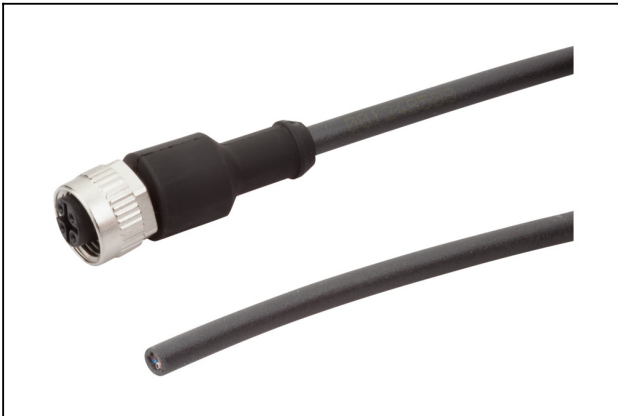
Length L: 2 mm

Material: Stainless steel X5 CrNi

Mesh: 0.415 mm

Wire size: 0.22 mm

## Accessories



#### **ASK B-M12-5 5000 K-5P**

Part no.21.04.05.00080

Connection cable

Interface Connection 1:

Fem connect M12, 5 pol

Cable length: 5000 mm

Interface Connection 2: Cable 5

Material: PUR-Cable

Shape: Straight



#### **ASV SMPI/SCPI 2xS-M12-4**

Part no.10.02.02.03490

Connection distributor

for: Ejector SMPI/SCPI

Interface Connection cable:

Fem connect M12, 5 pol

Interface Connection cable:

2xConnect M12, 4 pol

Length L: 1050 mm

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#### VFI CN6/4 50

Part no.10.07.01.00241

Vacuum filter with replaceable filter cartridge

Connection: Hose 6/4 with Cap nut

Filter pore size: 50 µm



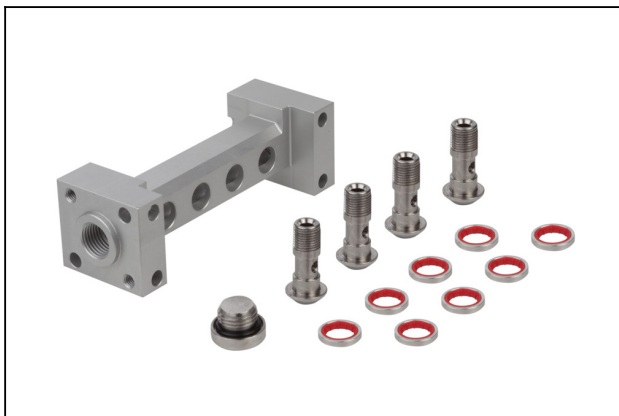
#### VFI CN8/6 50

Part no.10.07.01.00245

Vacuum filter with replaceable filter cartridge

Connection: Hose 8/6 with Cap nut

Filter pore size: 50 µm



#### GP 4 SCPS 07..15 G2

Part no.10.02.02.04338

Compressed air distributor for use as a manifold and for building ejector blocks

Number of connections: 4

Length L: 108 mm

Width B: 38 mm

Height H: 34 mm

for: Ejector SCPS 07..15 G2

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#### **SET SCPS**

Part no.10.02.02.04343

Mounting set  
for: Compact ejectors SCPS



#### **ABL-SET SCPS einstufig**

Part no.10.02.02.04216

Exhaust air set  
for: Compact ejectors SCPS  
Size: einstufig



#### **ASK B-M12-5 1000 S-M12-5**

Part no.21.04.05.00158

Connection cable  
Interface Connection 1:  
Fem connect M12, 5 pol  
Cable length: 1000 mm  
Interface Connection 2:  
Male connect M12, 5 pol  
Material: PUR-Cable

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

Part no.21.04.05.00211

Connection cable

Interface Connection 1:

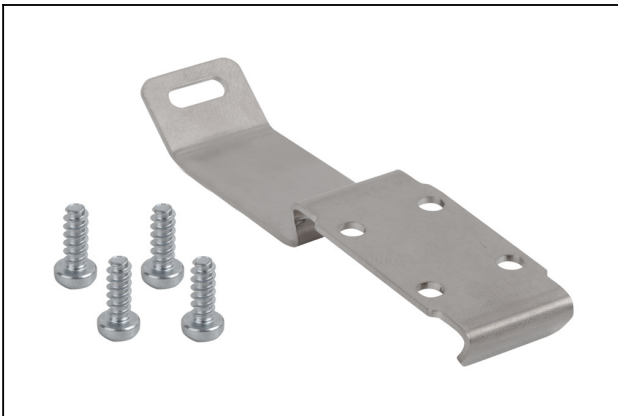
Fem connect M12, 5 pol

Cable length: 2000 mm

Interface Connection 2:

Male connect M12, 5 pol

Material: PUR-Cable



#### HUT-SN-KL 70x18x8

Part no.10.02.02.04149

Top-hat rail clamp comp.

Length L: 70 mm

Width B: 18 mm

Height H: 8 mm

Section type: EN 50022



#### VFI 4/2 50

Part no.10.07.01.00329

Vacuum filter with replaceable filter cartridge

Connection: Hose 4/2

Filter pore size: 50 µm