

Art.-Nr.: 10.02.02.05751



SCPMc 10 S04 NC M8-6 NPN AA8

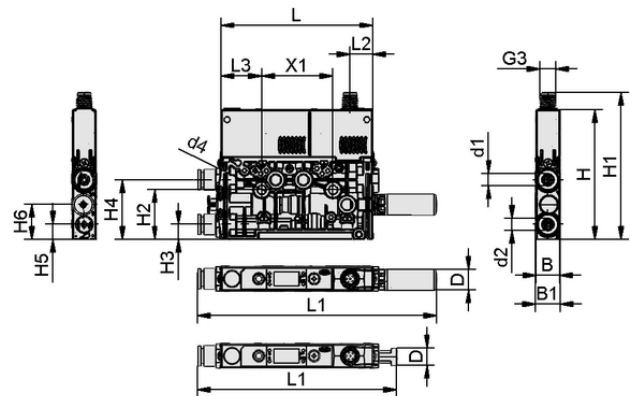
## Technical data

| Attribute                                 | Value                   |
|-------------------------------------------|-------------------------|
| Construction vacuum switch                | NPN switching           |
| Electrical connection                     | Male connect M8, 6 pole |
| Protection type IP                        | IP 40                   |
| Max. vacuum                               | 870 mbar                |
| Sound pressure level free                 | 71.0 dB(A)              |
| Air consumption suction                   | 45.0 l/min              |
| Suction rate (max.)                       | 28.0 l/min              |
| Connection                                | Hose D6(1)-D6(2)        |
| Pressure range (operating pressure) [bar] | 3.5 ... 6.0 bar         |
| Control valve                             | Normally closed         |

Compact ejector SCPM is delivered as a ready-to-connect product (without connection cable).

Available spare parts: silencer, filter element

Available accessories: connection cable, connection plug



Design data SCPMc 10 S04 NC M8-6 NPN AA8

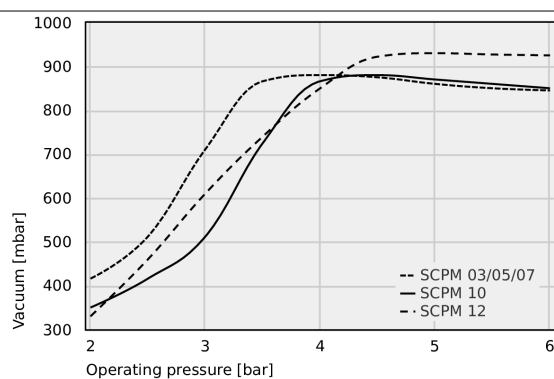
## Design data

| Attribute            | Value    |
|----------------------|----------|
| Length L1            | 98.30 mm |
| Length L2            | 11.40 mm |
| Length L             | 76.50 mm |
| Width B1             | 12.50 mm |
| Width B              | 12.00 mm |
| Height H1            | 73.90 mm |
| Height H2            | 24.95 mm |
| Height H             | 65.30 mm |
| Outside diameter D   | 9.00 mm  |
| Internal diameter d1 | 6.2 mm   |

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**Technical data**

| Attribute                                         | Value           |
|---------------------------------------------------|-----------------|
| Construction vacuum switch                        | NPN switching   |
| Control valve                                     | NC              |
| Recommended hose internal diameter compressed air | 4.0 mm          |
| Recommended hose internal diameter vacuum         | 4.0 mm          |
| Degree of evacuation                              | 87.0 %          |
| Max. vacuum                                       | 870 mbar        |
| Weight                                            | 84.0 g          |
| Max. air consumption blow-off                     | 10.0 l/min      |
| Air consumption suction                           | 45.0 l/min      |
| Suction rate (max.)                               | 28.0 l/min      |
| Optimal operating pressure                        | 4.50 bar        |
| Pressure range (operating pressure) [bar]         | 3.5 ... 6.0 bar |
| Operating temperature                             | 0 ... 50 °C     |
| Product family                                    | SCPMc           |
| Electrical connection                             | M8-6            |
| Configurator code                                 | AA8             |

**Performance data**

Achievable vacuum at various operating pressures



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**Achievable vacuum at various operating pressures**

| Typ           | 2   | 2.5 | 3.0 | 3.5 | 4   | 4.5 | 5   | 5.5 | 6   |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| SCPM 03/05/07 | 416 | 512 | 711 | 866 | 880 | 875 | 860 | 850 | 845 |
| SCPM 10       | 350 | 416 | 512 | 725 | 866 | 880 | 870 | 860 | 850 |
| SCPM 12       | 330 | 460 | 610 | 740 | 850 | 922 | 930 | 927 | 925 |

**Further documentation**CAD data and other documents relating to the article can be found at: [www.schmalz.com/10.02.02.05751](http://www.schmalz.com/10.02.02.05751)**Ordering Data Accessories 10.02.02.05751**

| Typ                   |                                | Item number    |
|-----------------------|--------------------------------|----------------|
| Connection cable      | ASK WB-M8-6 2000 K-6P          | 21.04.05.00488 |
| Connection cable      | ASK WB-M8-6 2000 S-M12-5       | 21.04.05.00489 |
| Connection cable      | ASK B-M8-6 5000 K-6P           | 21.04.05.00255 |
| Distributor           | ASV SCPMi B-M8-6 2xS-M12-4     | 10.02.02.05602 |
| Silencer (round)      | SD 10.5x31.7 SCPM              | 10.02.02.05807 |
| Exhaust air set       | ABL-SET SCPMi/c/b              | 10.02.02.06080 |
| Mounting set          | SET SCPM MOUNT1                | 10.02.02.05805 |
| Mounting bracket      | BEF-WIN 15x50x36.1 1.5 SCPM    | 10.02.02.05824 |
| Plug union, straight  | STV-GE M5-AG 4                 | 10.08.02.00468 |
| Plug union, straight  | STV-GE M7-AG 6                 | 10.08.02.00469 |
| Thread adapter (inst) | ADP-G M7-IG 10.8x7.9 SCPMi/c/b | 10.02.02.05522 |
| Thread adapter (inst) | ADP-G M5-IG 10.5x8.6 SCPMi/c/b | 10.02.02.05643 |

**Ordering Data Spare Parts 10.02.02.05751**

| Typ                     |                            | Item number    |
|-------------------------|----------------------------|----------------|
| Silencer insert (round) | SD-EINS 6.4x21.8 SCPMi/c/b | 10.02.02.05403 |

