

# Schmalz X-Pump

SXMPi 25 NC Q PC M12-8

Part no...:10.02.02.04025

<https://www.schmalz.com/10.02.02.04025>



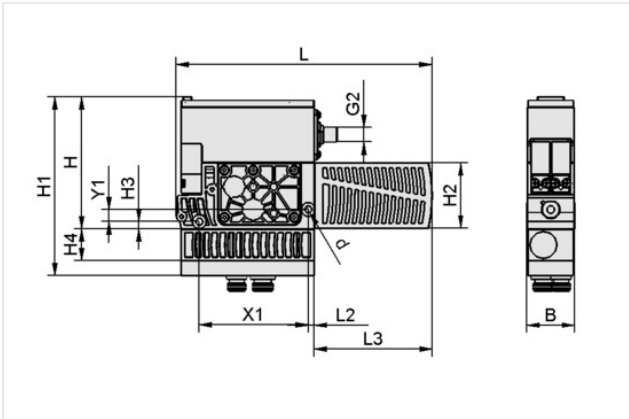
Home > Vacuum Technology for Automation > Vacuum Components > Vacuum Generators > Compact Ejectors > Compact Ejectors X-Pump SXPi / SXMPi with IO-Link > SXMPi 25 NC Q PC M12-8

## Compact ejector with Condition Monitoring, power blow-off function and pneu. air-saving function



|                                                      |
|------------------------------------------------------|
| Nozzle diameter: 2.5 mm                              |
| Control valve: Normally closed                       |
| Electrical connection: Male connect M12, 8 pol       |
| Communication: IO-Link (Class A)                     |
| Suction rate (max.): 185 l/min                       |
| Air consumption suction: 290 l/min                   |
| Pressure range (operating pressure): 3.0 ... 6.0 bar |
| Max. vacuum: -850 mbar                               |
| Function: Pressure Control                           |
| Sound level free: 67 dB(A)                           |
| Protection type IP: IP 65                            |

## Design Data



| Attribute | Value   |
|-----------|---------|
| B         | 39 mm   |
| d         | 5.50 mm |
| G2        | M12x1-M |
| H         | 108 mm  |
| H1        | 146 mm  |
| H2        | 54 mm   |
| H3        | 6 mm    |
| H4        | 26 mm   |
| L         | 210 mm  |
| L2        | 5 mm    |
| L3        | 97 mm   |
| X1        | 89 mm   |
| Y1        | 10 mm   |

## Technical Data

| Attribute            | Value   |
|----------------------|---------|
| Nozzle diameter      | 2.50 mm |
| Degree of evacuation | 85 %    |

### Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | [schmalz@schmalz.co.in](mailto:schmalz@schmalz.co.in)

## Schmalz X-Pump

SXMPi 25 NC Q PC M12-8

Part no.:10.02.02.04025

<https://www.schmalz.com/10.02.02.04025>

|                                               |                 |
|-----------------------------------------------|-----------------|
| Suction rate (max.)                           | 185 l/min       |
| Suction rate (max.)                           | 11.10 m³/h      |
| Suction rate (max.)                           | 6.53 cfm        |
| Air consumption suction                       | 290 l/min       |
| Air consumption suction                       | 17.40 m³/h      |
| Air consumption suction                       | 10.24 cfm       |
| Sound level free                              | 67 dB(A)        |
| Pressure range (operating pressure)           | 43.5 ... 87.0   |
| Pressure range (operating pressure)           | 3.0 ... 6.0 bar |
| Max. air consumption blow off                 | 320 l/min       |
| Air consumption blow off                      | 11.30 cfm       |
| Air consumption blow off                      | 19.20 m³/h      |
| Recomm. internal hose diameter compressed air | 8 mm            |
| Recomm. internal hose diameter vacuum         | 9 mm            |
| Control valve                                 | Normally closed |
| Weight                                        | 0.96 kg         |
| Operating temperature                         | 0 ... 50 °C     |
| Product family                                | SXMPi           |

Note: The supply voltage for vacuum switches and solenoid valves is 24V DC Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m

### Accessories



#### ASK B-M12-8 5000 K-8P

Part no.:21.04.05.00079

Electrical connection: Fem connect M12, 8 pol

Cable length: 5,000 mm

Material hose: PUR cable

### Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | [schmalz@schmalz.co.in](mailto:schmalz@schmalz.co.in)

## Schmalz X-Pump

SXMPi 25 NC Q PC M12-8

Part no...:10.02.02.04025

<https://www.schmalz.com/10.02.02.04025>



### GPQ1 122x46x43 SXPi/SXMPi

Part no...:10.02.02.02473

Length L: 122 mm

Width B: 46 mm

Height H: 43 mm

Number of connections: 1

Construction use: Compact ejectors SXPi/SXMPi



### GPQ2 122x87x48 SXPi/SXMPi

Part no...:10.02.02.02154

Length L: 122 mm

Width B: 87 mm

Height H: 48 mm

Number of connections: 2

Construction use: Compact ejectors SXPi/SXMPi

## Spare parts



### VST SXMPi-25-30-SD

Part no...:10.02.02.04543

Construction use: Schmalz X-Pump SXMPi

Size: 25-30-SD

contains: Sieve/silencer/RSV

## Contact Schmalz

Schmalz India Pvt. Ltd. | EL - 38 J Block MIDC, 411 026 Bhosari, Pune, India | +91 20 691155-00 | [schmalz@schmalz.co.in](mailto:schmalz@schmalz.co.in)