

Schmalz X-Pump

SXMPi 25 NC Q PC M12-8

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



Part no.: 10.02.02.04025

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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 size: 2,5 mm
Control: Normally closed
Pneum. Connection: Quick Change
with: Pressure Control
Electrical connection:
Male connect M12, 8 pol
Suction rate (max): 185 l/min
Air consumption (during evac.):
290 l/min
Communication: IO-Link (Class A)
Vacuum (max): -850 mbar
Noise level (free): 67 dB
Protection: IP 65

Design Data



Attribute	Value
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B	39 mm
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d	5.5 mm
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G2	M12x1-M
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H	146 mm
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H1	160 mm
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H2	54 mm
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H3	6 mm
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L	210 mm
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L2	5 mm
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Contact to Schmalz

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Attribute	Value
L3	97 mm
X1	89 mm
Y1	10 mm

Technical Data

Attribute	Value
Nozzle size	2.5 mm
Degree of evacuation	85 %
Suction rate (max)	185 l/min
Suction rate (max)	11.1 m ³ /h
Air consumption (during evac.)	290 l/min
Air consumption (during evac.)	17.4 m ³ /h
Air consumption (blow off) (max)	320 l/min
Vacuum (max)	-850 mbar
Noise level (free)	67 dB
Pressure range (operating pressure)	3.0 - 6.0 bar
Int. hose diameter (recom.) comp.-air	8 mm
Int. hose diameter (recom.) vacuum side	9 mm
Weight	0.96 kg
Ambient temperature	0 ... 50 °C
Pressure range (operating pressure)	43.5 - 87.0 psi
Suction rate (max)	6.533 cfm
Air consumption (during evac.)	10.241 cfm
Air consumption (blow off)	11.3 cfm
Vacuum (max)	-25.1 inHg

Contact to Schmalz

Attribute	Value
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

Part no. 21.04.05.00079

Connection cable

Interface Connection 1:

Fem connect M12, 8 pol

Cable length: 5000 mm

Material: PUR-Cable



GPQ1 122x46x43 SXPi/SXMPi

Part no. 10.02.02.02473

Baseplate for the construction of ejector blocks

Length L: 122 mm

Width B: 46 mm

Height H: 43 mm

Number of connections: 1

for: Compact ejectors SXPi/SXMPi



GPQ2 122x87x48 SXPi/SXMPi

Part no. 10.02.02.02154

Baseplate for the construction of ejector blocks

Length L: 122 mm

Width B: 87 mm

Height H: 48 mm

Number of connections: 2

for: Compact ejectors SXPi/SXMPi