

Schmalz X-Pump

SXMPi 25 NC Q 2xM12-5

Part no.: 10.02.02.03811

<https://www.schmalz.com/10.02.02.03811>



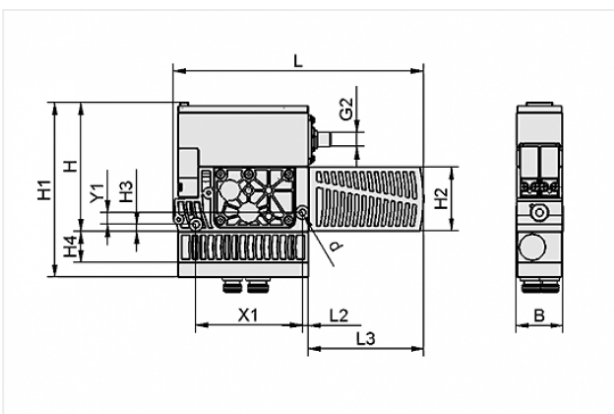
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SXPI / SXMPi with IO-Link > SXMPi 25 NC Q 2xM12-5

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
Electrical connection:
2xConnect M12, 5+5 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
B	39 mm
d	5.5 mm
G2	M12x1-M
H	146 mm
H1	160 mm
H2	54 mm
H3	6 mm
L	210 mm
L2	5 mm
L3	97 mm

Contact to Schmalz

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Attribute	Value
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 m³/h
Air consumption (during evac.)	290 l/min
Air consumption (during evac.)	17.4 m³/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
Vacuum (max)	-25.1 inHg
Product family	SXMPi

Note:

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- 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

Spare Parts



SD 96x54x40 SXPi/SXMPi

Part no. 10.02.02.02124

Silencer for vacuum generators

Length L: 96 mm

Width B: 54 mm

Height H: 40 mm

for: Compact ejectors SXPi/SXMPi

Accessories



ASK B-M12-5 5000

Part no. 21.04.05.00080

Connection cable

Interface Connection cable:

Fem connect M12, 5 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