

Art.-Nr.: 10.02.02.04021



SXMPi 25 NC H PC 2xM12-5

### Technical data

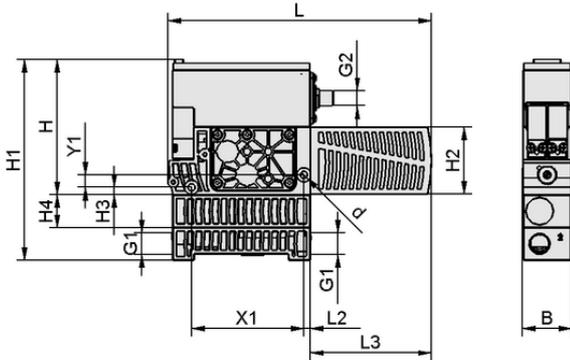
Nozzle diameter	2.5 mm
Electrical connection	2xConnect M12, 5+5 pol
Protection type IP	IP 65
Max. vacuum	-850 mbar
Sound pressure level free	67.0 dB(A)
Air consumption suction	290.0 l/min
Suction rate (max.)	185.0 l/min
Communication	IO-Link (Class A)
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Control valve	Normally closed
Functionality of the ejector	Pressure Control
Pneumatic connection	Horizontal

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

Available spare parts: connection cable, base plate, ejector tester



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**Design data**

Length L2	5.00 mm
Length L	210.00 mm
Width B2	6.80 mm
Width B	39.00 mm
Height H1	160.00 mm
Height H2	54.00 mm
Height H	108.00 mm
Internal diameter d	5.50 mm
Thread G1	G3/8"-F
Thread G2	M12x1-M
Length L3	97.00 mm
Length L4	35.50 mm
Height H3	6.00 mm
Height H4	26.00 mm
Hole spacing Y1	10.0 mm
Hole spacing Y2	24.0 mm
Hole spacing X1	89.0 mm
Hole spacing X2	42.0 mm
Thread G3	M5-F

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**Technical data**

Nozzle diameter	2.5 mm
Recommended hose internal diameter compressed air	8.0 mm
Recommended hose internal diameter vacuum	9.0 mm
Degree of evacuation	85.0 %
Sound pressure level free	67.0 dB(A)
Weight	0.910 kg
Max. air consumption blow-off	320.0 l/min
Air consumption blow-off	11.300 cfm
Air consumption suction	10.241 cfm
Suction rate (max.)	6.533 cfm
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Operating temperature	0 ... 50 °C
Pressure range (operating pressure) [psi]	43.5 ... 87.0
Product family	SXMPi
Control valve	Normally closed

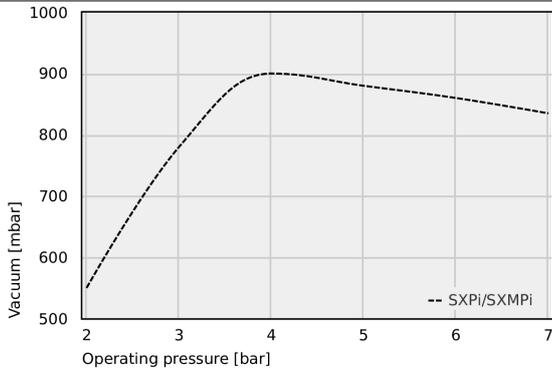
Note: The supply voltage for vacuum switches and solenoid valves is 24V DC Air consumption: At optimal operating pressure Hose diameter: For max. length 2 m



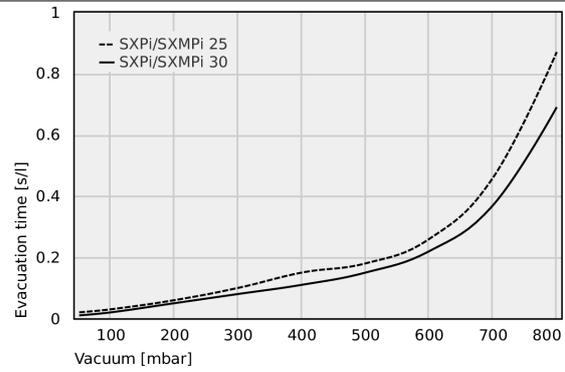
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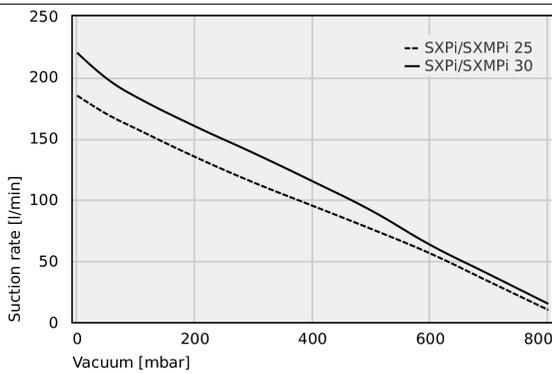
## Performance data



Achievable vacuum at various operating pressures



Evacuation time for various vacuum ranges [s/l]



Suction rate at various degrees of evacuation [l/min]



## Achievable vacuum at various operating pressures

	2	3	4	5	6	7
SXPI/SXMPi	550.00	780.00	900.00	880.00	860.00	835.00



## Evacuation time for various vacuum ranges [s/l]

	50	100	200	300	400	500	600	700	800
SXPI/SXMPi 25	0.02	0.03	0.06	0.10	0.15	0.18	0.26	0.46	0.87
SXPI/SXMPi 30	0.01	0.02	0.05	0.08	0.11	0.15	0.22	0.37	0.69



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**Suction rate at various degrees of evacuation [l/min]**

	0	50	100	200	300	400	500	600	700	800
SXMPi/SXMPi 25	185.00	170.00	158.00	135.00	114.00	95.00	76.00	56.00	33.00	10.00
SXMPi/SXMPi 30	220.00	199.00	184.00	160.00	138.00	115.00	91.00	63.00	39.00	15.00

**Ordering Data Accessories 10.02.02.04021**

Typ	Item number
Connection cable	ASK B-M12-5 5000 K-5P 21.04.05.00080

**Ordering Data Wear Parts 10.02.02.04021**

Typ	Item number
Set of wearing parts ejector	VST SXMPi-15-30-SD 10.02.02.04543

