



SCPLc 100 HF G FA NO PNP

Technical data

Attribute	Value
Construction vacuum switch	PNP switching
Electrical connection	Male connect M12, 5 pol
Degree of evacuation	90.0 %
Air consumption suction	395.0 l/min
Suction rate (max.)	870.0 l/min
Size	100.00
Thread G1	G3/8"-F
Thread G2	G1"-F
Shape compact ejectors	Flange version with axial exhaust air
Shape	High flow
Control valve	Normally open

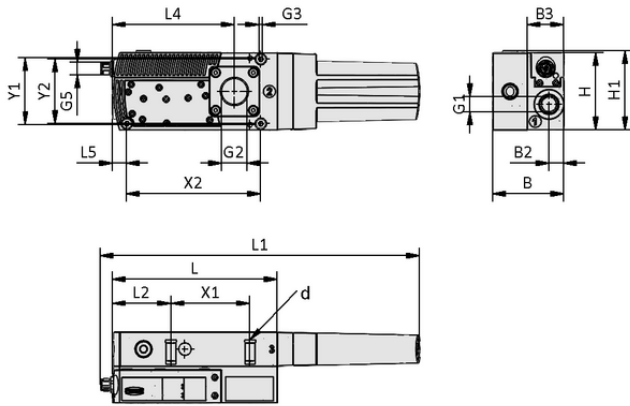
The compact ejector SCPLb / SCPLc / SCPLi, available in various configurations, is delivered as a ready-to-connect product.

Available spare parts: silencer, SEP nozzle, filter screen

Available accessories: retrofit kit, mounting bracket, vacuum hose, hose sleeve, connection cable, vacuum monitoring, silencer, exhaust air collection duct



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**Design data**

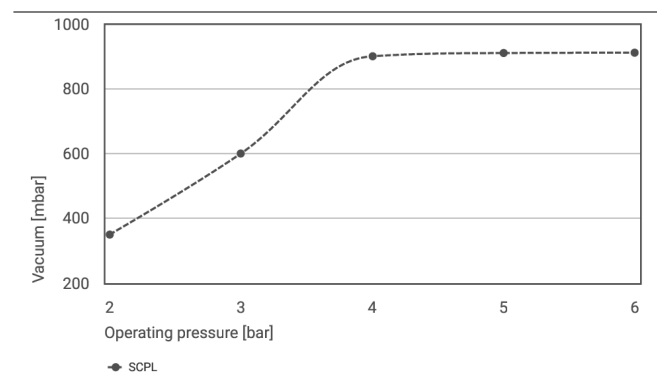
Attribute	Value
Length L1	297.00 mm
Length L2	54.50 mm
Length L	153.50 mm
Width B2	13.80 mm
Width B	97.80 mm
Height H1	74.00 mm
Height H	72.00 mm
Internal diameter d	5.50 mm
Thread G1	G3/8"-F
Thread G2	G1"-F
Length L4	113.50 mm
Width B3	34.00 mm
Hole spacing Y1	62.0 mm
Hole spacing Y2	60.0 mm
Hole spacing X1	73.5 mm
Hole spacing X2	124.5 mm
Length L5	13.50 mm
Thread G3	M4-F
Thread G5	M12x1-M

Design data SCPLc 100 HF G FA NO PNP

**Technical data**

Attribute	Value
Protection type IP	IP 54
Max. vacuum	900 mbar
Sound pressure level suction	64.0 dB(A)
Sound pressure level free	70.0 dB(A)
Weight	1,250.00 g
Max. air consumption blow-off	124.0 l/min
Air consumption blow-off	7.400 m³/h
Air consumption suction	23.700 m³/h
Suction rate (max.)	52.200 m³/h
Size	100.00
Optimal operating pressure	4.50 bar
Pressure range (operating pressure) [bar]	3.0 ... 6.0 bar
Operating temperature	0 ... 55 °C

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**Performance data**

Achievable vacuum at various operating pressures

**Achievable vacuum at various operating pressures**

	2	3	4	5	6
SCPL	350.00	600.00	900.00	910.00	911.00

**Further documentation**CAD data and other documents relating to the article can be found at: www.schmalz.com/10.02.02.07603**Ordering Data Accessories 10.02.02.07603**

Typ		Item number
Connection cable	ASK B-M12-5 5000 K-5P	21.04.05.00080
Connection cable	ASK B-M12-5 1000 S-M12-5	21.04.05.00158
Connection cable	ASK B-M12-5 2000 S-M12-5	21.04.05.00211
Mouting bracket (inst.)	BEF-WIN 72x25x77 SBPL/SCPL	10.02.01.01705
Exhaust air set	ABL-SET SBPL/SCPL M	10.02.01.01939
Hose sleeve	ST 32 AL-EL	10.02.01.01681
Dust filter	STF G1-1/4-IG N	10.07.01.00008
Retrofitting kit	SET SBPL/SCPL 125/150	10.02.01.01686

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Compact ejector

SCPLc 100 HF G FA NO PNP



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Ordering Data Spare Parts 10.02.02.07603

Typ		Item number
Ejector module	SEP HV 3 16 22	10.02.01.01397
Set of spare parts	ERS SEP-22 6xRUE-KLAP	10.02.01.01450
Spare part (Ejector)	ERS VENT SCPLb/c	10.02.02.07698
Silencer (cube-shaped-inst.)	SD 102x71x33 SBPL/SCPL	10.02.01.01585
Sealing frame	DI-RA 112.5x34.8 NBR-55 SBPL/SCPL	10.02.01.01541
O-ring	O-RING 10x2.5 NBR-70	10.07.08.00002
Sieve, round	SIEB 36.2x0.2 A2 400 0.4/0.22	10.02.02.07119



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