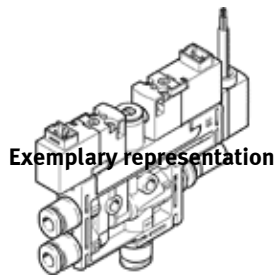


# vacuum generator OVEL

Part number: 8049045

FESTO



Exemplary representation

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Nominal size, Laval nozzle	0.45 ... 0.95 mm
Assembly position	Any
Ejector characteristic	High suction flow rate High vacuum Standard
Grade of filtration	40 µm
Manual override	Pushing
Integrated function	Ejector pulse, electrical Flow control valve Pressure sensor Pressure transmitter Electrical on-off valve Filter Open silencer
Design structure	T-shaped
Switching element function	N/C or N/O contact, switchable
Valve function	closed
Nominal operating pressure	0.4 MPa 4 bar
Nominal operating pressure (psi)	58 psi
Operating voltage range DC	21.6 ... 26.4 V
Duty cycle	100 %
Switch output	PNP/NPN, switchable
Characteristic coil data	24 V DC: 1 W
Authorisation	c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	0 ... 50 °C
Protection class	IP40
Ambient temperature	0 ... 50 °C
Product weight	39 ... 100 g
Pressure measurement range	-0.1 ... 0.1 MPa
Pressure measuring range	-1 ... 1 bar
Pressure measurement range	-14.5 ... 14.5 psi
Pneumatic connection, port 1	Common line For tubing outside diameter 3 mm For tubing outside diameter 4 mm For tubing outside diameter 6 mm
Material of connecting thread	POM
Materials note	Conforms to RoHS

Feature	Value
Material seals	NBR
Material receiver nozzle	POM
Material filter	POM
Material housing	PA-reinforced
Material screws	Steel
Material transmitter nozzle	Wrought Aluminium alloy