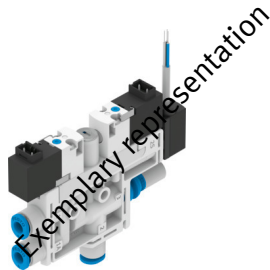



# Vacuum generator OVEL

Part number: 8049045

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Nominal size, Laval nozzle	0.45 mm ... 0.95 mm
Mounting position	optional
Ejector characteristic	High suction rate High vacuum Standard
Grade of filtration	40 µm
Manual override	Non-detenting
Integrated function	Electric ejector pulse Flow control Pressure sensor Pressure transmitter Electric on-off valve Filter Open silencer
Design	T-shape
Switching element function	N/C or N/O contact, switchable
Valve function	Closed
Nominal operating pressure	0.4 MPa
Nominal operating pressure	4 bar
Nominal operating pressure	58 psi
Operational voltage range DC	21.6 V ... 26.4 V
Duty cycle	100%
Switching output	PNP/NPN, switchable
Characteristic coil data	24 V DC: 1.28 W 24 V DC: 1.0 W
Approval	c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	0 °C ... 50 °C
Degree of protection	IP40
Ambient temperature	0 °C ... 50 °C
Product weight	39 g ... 100 g
Pressure measuring range	-0.1 MPa ... 0.1 MPa

Feature	Value
Pressure measuring range	-1 bar ... 1 bar
Pressure measuring range	-14.5 psi ... 14.5 psi
Pneumatic connection, port 1	Common line For tubing outside diameter of 3 mm For tubing outer diameter of 4 mm For tubing outside diameter of 6 mm
Material connecting thread	POM
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material filter	POM
Material housing	PA-reinforced
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy