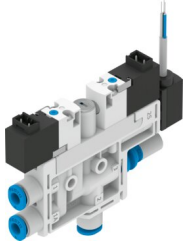


Vacuum generator OVEL

Part number: 8049045

FESTO



Data sheet

Feature	Value
Nominal width of Laval nozzle	0.45 mm...0.95 mm
Mounting position	Any
Ejector characteristics	High suction flow High vacuum Standard
Grade of filtration	40 µm
Manual override	Non-detenting
Integrated function	Ejector pulse, electric Flow control valve Pressure sensor Pressure transmitter Electric on-off valve Filter Muffler open
Structural design	T-shape
Switching element function	N/C contact/N/O contact, switchable
Valve function	Closed
Nominal operating pressure	0.4 MPa 4 bar 58 psi
DC operating voltage range	21.6 V...26.4 V
Duty cycle	100%
Switching output	PNP/NPN switchable
Coil characteristics	24 V DC: 1.28 W 24 V DC: 1.0 W
Certification	c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	0 °C...50 °C
Degree of protection	IP40

Feature	Value
Ambient temperature	0 °C...50 °C
Product weight	43 g...112 g
Pressure measuring range	-0.1 MPa...0.1 MPa -1 bar...1 bar -14.5 psi...14.5 psi
Pneumatic connection 1	Common connection for pneumatic tubing outside diameter 3 mm for pneumatic tubing outside diameter 4 mm For pneumatic tubing outside diameter 6 mm
Material of connecting thread	POM
Note on materials	RoHS compliant
Seals material	NBR
Female nozzle material	POM
Compressed air filter material	POM
Housing material	PA-reinforced
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy