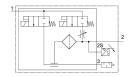
Vacuum generator OVEL-5-H-10-PQ-VQ4-UA-C-A-V1PNLK-R8 Part number: 8152240

FESTO





Data sheet

Feature	Value
Nominal size, Laval nozzle	0.45 mm
Grid dimension	10 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High vacuum Standard
Grade of filtration	40 μm
Manual override	Non-detenting
Integrated function	Electric ejector pulse Flow control Pressure sensor Electric on-off valve Filter Silencer closed
Design	T-shape
Switching element function	N/C or N/O contact, switchable
Switching function	Freely programmable
Valve function	Closed
Measurement method	Piezoresistive pressure sensor with display
Display type	LED indicator 2-digit
Setting options	IO-Link® Teach-in Via display and keys
Operating pressure for max. suction flow rate	0.3 MPa 3 bar 43.5 psi
Operating pressure	0.2 MPa0.7 MPa 2 bar7 bar 29 psi101.5 psi
Operating pressure for max. vacuum	0.42 MPa 4.2 bar 60.9 psi
Max. vacuum	89 %

Abar Spain Max suction flow rate against atmosphere Max supply time at nominal operating pressure with ejector pulse Operational voltage range DC 21.6 V26.4 V Duty cycle 500% Switching output PRP/PRPN, switchable Characteristic coil data 24 V Oc. 1.28 W Approval City of the Geodediantion of Conformity) To LU Extra City of the Conformity Operating medium Compressed air to 150 88.73-1.2010 [7-4-4] Note on operating and pilot medium Lubricated operation not possible Carrasion resistance class CKC 2 Moderate corrosion stress LASS (SWIS) conformity WOMA24364 B1/8-12 Media temperature 0 °C50 °C Sound pressure level at nominal operating pressure 6-4 d8(A) Degree of protection 1P40 Ambient temperature 0 °C50 °C Product weight 9 a 8 a 9 Operating voltage range, D.C sensor 18 V30 V Pressure measuring range 1 char0 bbr 1 char	Feature	Value
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Electrical connection output, number of connections/cores Cable characteristic Cable diameter Cable diameter Cable diameter tolerance ± 0.1 mm Cable length Nominal cross section conductor Type of mounting Pneumatic connection, port 1 For tubing outer diameter of 4 mm Pneumatic connection, port 3 Open silencer Vacuum connection Grey Material connecting thread POM Material seals Material receiver nozzle Material filter Material coble sheath PVC Suitable for energy chains 4.0.1 mm Cable diameter of 4 mm Open silencer For tubing outer diameter of 4 mm Open si	Electrical connection output, connection type	Cable
Cable characteristic Cable diameter Cable diameter tolerance ± 0.1 mm Cable length Nominal cross section conductor Type of mounting Pneumatic connection, port 1 Pneumatic connection, port 3 Vacuum connection Cable sheath colour Material connecting thread Material receiver nozzle Material filter Material cable sheath Material filter POM Material cable sheath Material cable sheath Material filter Material cable sheath PVC	Electrical connection output, connector system	Open end
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Material receiver nozzle POM Material filter POM Material housing PA-reinforced Material cable sheath PVC	Note on materials	RoHS-compliant
Material filter POM Material housing PA-reinforced Material cable sheath PVC	Material seals	NBR
Material housing PA-reinforced Material cable sheath PVC	Material receiver nozzle	POM
Material cable sheath PVC	Material filter	POM
	Material housing	PA-reinforced
Material adjusting screw Steel	Material cable sheath	PVC
	Material adjusting screw	Steel

Feature	Value
Material silencer	PA-reinforced PE
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy