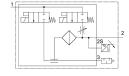
Vacuum generator OVEL-7-H-15-PQ-VQ4-UA-C-A-V1PNLK-H3 Part number: 8049053





Data sheet

Feature	Value
Nominal size, Laval nozzle	0.7 mm
Grid dimension	15 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 Open silencer
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	0.4 MPa 4 bar 58 psi
Operating pressure	0.2 MPa0.7 MPa 2 bar7 bar 29 psi101.5 psi
Operating pressure for max. vacuum	0.45 MPa 4.5 bar 65.25 psi
Max. vacuum	92 %

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Nominal operating pressure 0.4 MPa 4 bar 58 psi Max. surction flow rate against atmosphere 17 //min Air supply time at nominal operating pressure with ejector pulse 1.2 s Air supply time at nominal operating pressure with ejector pulse 1.2 s Diperational voltage range DC 1.0 % Switching output 1.00% Switching output 0.00% T/min Characteristic coil data 2.4 OC 1.0 W Approval CU to is loted OU Construct mediation of conformity) To ELEMC Directive Carrak (see declaration of conformity) To ELEMC Directive Corression resistance class CEC 2Moderate corression resistance Corression resistance class CEC 0.7 C50 % Corression resistance class CEC 0.7 C50 % Node on operating and pilot medium 0.7 C50 % Node in operature level at nominal operating pressure 0.1 MPac0 MPa Parsent presture 0.1 MPac0 MPa Presture mediation input, connection type 2.1 Mar0 MPa Presture mediation input, connection type 2.1 Mar0 MPa Presture mediation input, connectinon type 2.1 Mar0 MPa	Feature	Value
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Vacuum connectionFor tubing outside diameter of 4 mmCable sheath colourGreyMaterial connecting threadPOMNote on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC	Pneumatic connection, port 1	For tubing outer diameter of 4 mm
Cable sheath colourGreyMaterial connecting threadPOMNote on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC		Open silencer
Cable sheath colourGreyMaterial connecting threadPOMNote on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC	Vacuum connection	For tubing outside diameter of 4 mm
Note on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC	Cable sheath colour	Grey
Note on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC	Material connecting thread	POM
Material sealsNBRMaterial receiver nozzlePOMMaterial filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC		RoHS-compliant
Material filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC	Material seals	
Material filterPOMMaterial housingPA-reinforcedMaterial cable sheathPVC		
Material housing PA-reinforced Material cable sheath PVC		
Material cable sheath PVC		
	-	
	Material adjusting screw	Steel

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