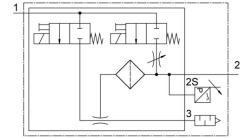
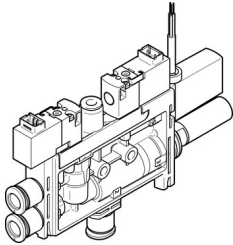


Vacuum generator OVEL-10-H-15-PQ-VQ6-UA-C-A-B2PNLK-H3

Part number: 8069572

FESTO



Data sheet

Feature	Value
Electrical connection output, function	Sensor
Electrical connection for input, connection pattern	00995626
Electrical connection input, function	Ejector pulse Vacuum generator
Electrical connection input, connection type	2x plugs
Electrical connection output, connection type	Cable
Electrical connection output, connection technology	Open end
Electrical input connection, mounting type	Snap-locking
Material of cable sheath	PVC
Cable characteristic	Suitable for energy chains
Electrical input connection, connection technology	Connection diagram H
Method of measurement	Piezoresistive pressure sensor with display
Color cable sheath	Gray
Cable diameter tolerance	± 0.1 mm
KC characters	KC EMC
Electrical connection, input, number of pins/wires	2
Electrical output connection, number of pins/wires	3
Nominal width of Laval nozzle	0.95 mm
Nominal conductor cross section	0.14 mm ²
Cable diameter	2.9 mm
Cable length	2.5 m
DC sensor operating voltage range	18 V ... 30 V
Width dimension	15 mm
Type code	OVEL
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	Standard High vacuum
Grade of filtration	40 µm
Manual override	Non-detenting
Integrated function	Shut off valve, electric Flow control Electric ejector pulse Pressure sensor Pneumatic muffler open Compressed air filter
Design	T-shape

Feature	Value
Switching element function	N/C contact N/O contact Switchable
Switching function	Freely programmable
Symbol	00995804
Valve function	Closed
Display type	2-digit LED display
Setting options	Via display and pushbuttons Teach-in IO-Link®
Operating pressure for max. suction rate	4 bar
Operating pressure	2 bar ... 7 bar
Operating pressure for max. vacuum	3.8 bar
Max. vacuum	92 %
Nominal operating pressure	4 bar
Max. suction rate with respect to atmosphere	21 l/min
Air supply time at nominal operating pressure	1 s
DC operating voltage range	21.6 V ... 26.4 V
Duty cycle	100%
Switching output	PNP/NPN switchable
Coil characteristics	24 V DC: 1.0 W
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
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	0 °C ... 50 °C
Noise level at nominal operating pressure	68 dB(A)
Degree of protection	IP40
Ambient temperature	0 °C ... 50 °C
Product weight	88 g
Pressure measuring range	-1 bar ... 1 bar
Type of mounting	With through-hole
Pneumatic connection 1	For pneumatic tubing outside diameter 6 mm
Pneumatic connection 3	Pneumatic muffler open
Vacuum connection	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 adjusting screw	Steel
Muffler material	PE
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy