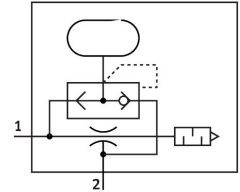


# Vacuum generator VN-14-H-T4-PQ3-VQ3-R02-A

Part number: 532646

**FESTO**



## Data sheet

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	18 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	Standard High negative pressure
Integrated function	Ejector pulse valve, pneumatic Open silencer
Design	T-shape
Operating pressure for max. suction flow rate	4 bar
Operating pressure	1 bar...8 bar
Operating pressure for max. vacuum	3.5 bar
Max. vacuum	92 %
Nominal operating pressure	6 bar
Max. suction flow rate against atmosphere	48.8 l/min
Air supply time at nominal operating pressure	0.43 s
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	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	0 °C...60 °C
Recommended cleaning/purification	Soapy water
Sound pressure level at nominal operating pressure	69 dB(A)
Ambient temperature	0 °C...60 °C
Max. tightening torque	0.5 Nm
Product weight	85 g
Type of mounting	With through-hole With H-rail With accessories
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 3	Open silencer
Vacuum connection	QS-8

Feature	Value
Material connecting thread	Anodised wrought aluminium alloy
Note on materials	RoHS-compliant
Material seals	NBR
Material receiver nozzle	POM
Material housing	PA-reinforced POM-reinforced
Material silencer	Wrought aluminium alloy POM PU foam
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy
Material fitting	Brass Nickel-plated