Vacuum generator OVEM-20-H-C-QO-CE-N-1PD Part number: 8070095



* -57

Data sheet

Feature	Value
KC characters	KC EMC
Nominal width of Laval nozzle	2 mm
Width dimension	36 mm
Type code	OVEM
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	High vacuum Standard
Grade of filtration	40 µm
Manual override	Non-detenting Additionally via operating buttons
Integrated function	Ejector pulse valve, electric Flow control Shut off valve, electric Compressed air filter Air saving function, electrical Non-return valve Pneumatic muffler open Vacuum switch
Design	Modular
Short-circuit protection	yes
Measured variable	Relative pressure
Measuring principle	Piezoresistive
Switching element function	N/C contact N/O contact
Switching function	Window comparator Threshold value comparator
Symbol	00992094
Valve function	Closed
Reverse polarity protection	for all electrical connections
Switching input to standard	IEC 61131-2
Display type	4-character alphanumeric Back-lit LCD
Display range	-0.999 bar 0 bar
Displayable unit(s)	bar
Setting range threshold value	-0.999 bar 0 bar
Setting range hysteresis	-0.9 bar 0 bar
Setting options	Via display and pushbuttons
Switching position indication	LCD

Operating pressure 2 bar 8 bar Operating pressure for max. vacuum 4 bar Max. vacuum 93 % Nominal operating pressure 6 bar Max. sucution rate with respect to atmosphere 94 l/min Max. sucution rate with respect to atmosphere 92 l/min Dir supply time at nominal operating pressure 0.2 to DC operating voltage range 20.4 V 27.6 V Dury cycle 100% Inductive protective circuit Adapted to MZ, MY and ME colls Max. output current 70 mA Max. output current 100 mA Residual current 0.1 mA Switching cutput PMP Voltage dop 2.2 V Contamination level 3 Surge resistance 0.8 kV Overload protection Available Contamination level 3 Operating medium Compressed air so per ISO 873-12010[74:4] Information on operating and plumedia Operation with oil lubrication not possible Carmaking Gae declaration of contoming) As per EU EMC directive Contamination resistance datas (RD) 2. Moderate corrosion stress Temperature of medium O*C 50 °C Contamination resistance datas (RD) 2. S M with intronal thread Degree of p	Feature	Value
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NBR	Note on materials	Contains paint-wetting impairment substances
Female nozzle material POM	Seals material	NBR
	Female nozzle material	РОМ

Feature	Value
Compressed air filter material	Fabric PA Sintered steel
Material of filter housing	PA-reinforced
Housing material	Wrought aluminum alloy PA-reinforced
Material of adjusting screw	Steel
Muffler material	Wrought aluminum alloy POM PU foam
Material of screws	Steel
Inspection window material	PA
Material of plug housing	Brass, nickel-plated
Material of pin contacts	Brass, gold-plated
Material of pins	Steel
Material of jet nozzle	Wrought aluminum alloy
Material of keypad	TPE-U
Material of pneumatic fitting	Brass, nickel-plated