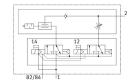
Manifold sub-base for vacuum VABX-A-P-VE-BH-VB010H

Part number: 8213837







General operating condition

Data sheet

cominal size, Laval nozzle cominal size, Laval nozzle cominal size, Laval nozzle cominal size, Laval nozzle 10 mm 12.55 mm alve size 10 mm Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 block resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-7 illencer design Open yee of actuation Electric weres polarity protection yes ealing principle Soft Onutning position optional jector characteristic High vacuum Slotted head screw Electric ejector pulse Check valve Open silencer With electrical interlinking module 11 12 yee of piloting Pilot actuated Illot air supply Internal ymbol 00997567 alvae function 2x3/2-way, monostable, closed lax. number of valve coils 2 compatible with Valve terminal VTUX-A-P LED Leperating pressure for max. suction flow rate perating pressure 12 bar 7 bar perating pressure 2 bar 7 bar perating pressure 2 bar 7 bar perating pressure for max. vacuum 0.38 MPa	Feature	Value
alve size 10 mm Tibration resistance 10 mm Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 60068-2-6 60068-2-6 60068-2-6 Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Open Open Uper of actuation Electric everse polarity protection yes ealing principle Soft founting position optional electric characteristic High vacuum digustment component Slotted head screw the grated function Electric ejector pulse Electric ejector pulse Electric on-off valve Check valve Open silencer With electrical interlinking module Nax. number of valve positions 1 Ever of politoring Pilot actuated Electric on-off valve Check valve Open silencer With electrical interlinking module Nax. number of valve coils 2 Electric on-off valve Electric on-off valve Check valve Open silencer Electric on-off valve Check	Length	150.8 mm
alve size 10 mm Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 illencer design Open Upen of actuation Electric Were spolarity protection Were spolarity protection Were spolarity protection Optional Jector characteristic High vacuum Slotted head screw Electric ejector pulse Electric	Nominal size, Laval nozzle	0.95 mm
ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock test with severity level 2 to FN 942017-5 and EN 60068-2-7 illencer design Open ype of actuation Electric everse polarity protection petion everse polarity protection petion polarity protection petion polarity protection petion polarity protection petion polarity protection polarity protection petion optional illeg vacuum lift had secure lift head screw Electric ejector pulse even Electric ejector pulse even Electric ejector pulse valve Flow control petion silventer protection of valve Check valve Open silencer With electrical interlinking module 1 2 x3/2-way, monostable, closed ava. number of valve coils 2 2 ava. number of valve coils 2 3 3 2 2 2 3 2 3 2 3 2 3 3 3 3 3 3 3	Grid dimension	12.55 mm
60068-2-6 Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 lilencer design Open Electric everse polarity protection ealing principle Soft founting position Optional electric ejector pulse Electric on off valve Check valve Open silencer With electrical interlinking module Max. number of valve positions 1 Appending Pilot actuated litot air supply Internal lymbol 00997567 alve function 2x3/2-way, monostable, closed dax. number of valve coils 02 ompatible with Valve terminal VTUX-A-P lisplay type LED ignal status display Yellow LED, valve control Operating pressure for max. suction flow rate Operating pressure for max. suction flow rate Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure for max. suction flow rate Operating pressure Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure for max. succion flow rate Operating pressure Operat	Valve size	10 mm
ilencer design ype of actuation Electric weres polarity protection yes ealing principle Soft Mounting position piector characteristic dijustment component Slotted head screw Electric ejector pulse Electric ejector pulse Electric ejector pulse Electric ejector pulse valve Flow control Electric on-off valve Check valve Open silencer With electrical interlinking module Max. number of valve positions 1 ype of piloting Pilot actuated ilot air supply Internal ymbol 00997567 alve function 2x3/2-way, monostable, closed Max. number of valve coils 2 ompatible with Valve terminal VTUX-A-P Electric air pressure for max. suction flow rate Operating pressure for max. suction flow rate Operating pressure for max. suction flow rate Operating pressure for max. vacuum Operating pressure Operating pressure for max. vacuum Operating pressure Operating pressure Operating pressure Operating pressure for max. vacuum Operating pressure Operating pres	Vibration resistance	
pye of actuation Electric everse polarity protection yes soft dounting position optional jector characteristic dijustment component stegrated function Electric ejector pulse Electric on-off valve Check valve Open silencer With electrical interlinking module linternal ype of piloting ilot air supply internal ymbol dax. number of valve coils az 3/2-way, monostable, closed lax. number of valve coils az mompatible with Valve terminal VTUX-A-P lisplay type LED gignal status display Yellow LED, valve control perating pressure for max. suction flow rate perating pressure for max. suction flow rate perating pressure D. 2 MPa 0.7 MPa perating pressure for max. suction flow rate perating pressure D. 2 MPa 0.7 MPa perating pressure for max. suction flow rate perating pressure for max. vacuum D. 38 MPa	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
everse polarity protection ealing principle Soft founting position optional ligitor characteristic dijustment component stegrated function Electric ejector pulse Electric ejector pulse Electric ejector pulse Electric ejector pulse valve Flow control Electric on-off valve Check valve Open silencer With electrical interlinking module Max. number of valve positions 1 pyee of piloting Pilot actuated Internal	Silencer design	Open
ealing principle Soft Mounting position optional jector characteristic djustment component Slotted head screw Electric ejector pulse Electric ejector pulse valve Flow control Electric open silencer With electrical interlinking module Max. number of valve positions 1 ype of piloting Pilot actuated liot air supply Internal ymbol 00997567 alve function 2x3/2-way, monostable, closed Max. number of valve coils 2 ompatible with Valve terminal VTUX-A-P LED ignal status display ype atting pressure for max. suction flow rate perating pressure for max. suction flow rate perating pressure 0.2 MPa 0.7 MPa Eperating pressure 1 option max. vacuum 0.38 MPa	Type of actuation	Electric
Nounting position optional jector characteristic High vacuum Slotted head screw Electric ejector pulse Electric ejector pulse Electric ejector pulse electric opulse Electric ejector pulse valve Flow control Electric on-off valve Check valve Open silencer With electrical interlinking module Max. number of valve positions 1 ype of piloting Pilot actuated Internal ymbol 00997567 Ialve function 2x3/2-way, monostable, closed Aax. number of valve coils 2 compatible with Valve terminal VTUX-A-P LED ignal status display ype LED ignal status display ypeating pressure for max. suction flow rate Operating pressure 0.2 MPa 0.7 MPa Uperating pressure 0.38 MPa	Reverse polarity protection	yes
Jector characteristic dijustment component Slotted head screw Electric ejector pulse Ele	Sealing principle	Soft
djustment component Slotted head screw Electric ejector pulse Electric opictor pulse Electric opictor pulse Electric on-off valve Check valve Open silencer With electrical interlinking module Aax. number of valve positions 1 Pilot actuated Internal Internal Internal Internal Internal Internal Internal Internat I	Mounting position	optional
Electric ejector pulse Electric ejector pulse Electric opide valve Flow control Electric on-off valve Check valve Open silencer With electrical interlinking module Aax. number of valve positions 1 ype of piloting Pilot actuated lidt air supply Internal ymbol O0997567 laive function 2x3/2-way, monostable, closed Aax. number of valve coils 2 compatible with Valve terminal VTUX-A-P Isplay type LED Isplay type	Ejector characteristic	High vacuum
Electric ejector pulse valve Flow control Electric on-off valve Check valve Open silencer With electrical interlinking module Axx. number of valve positions 1 Pilot actuated ilot air supply Internal ymbol O0997567 laive function 2x3/2-way, monostable, closed Axx. number of valve coils 2 compatible with Valve terminal VTUX-A-P lisplay type LED lignal status display Yellow LED, valve control prerating pressure for max. suction flow rate Uperating pressure O.2 MPa O.7 MPa perating pressure Uperating pressure O.2 MPa O.7 MPa perating pressure O.2 MPa O.7 MPa perating pressure O.2 MPa O.7 MPa perating pressure O.2 MPa O.7 MPa O.38 MPa	Adjustment component	Slotted head screw
Pilot actuated Pilot	Integrated function	Electric ejector pulse valve Flow control Electric on-off valve Check valve Open silencer
Internal Operating pressure Oper	Max. number of valve positions	1
ymbol 00997567 falve function 2x3/2-way, monostable, closed Ax. number of valve coils 2 compatible with Valve terminal VTUX-A-P Display type LED gignal status display Yellow LED, valve control Operating pressure for max. suction flow rate 0.4 MPa Operating pressure for max. suction flow rate 4 bar Operating pressure for max. suction flow rate 58 psi Operating pressure 0.2 MPa 0.7 MPa Operating pressure Operating pressure for max. vacuum 0.38 MPa	Type of piloting	Pilot actuated
Valve function 2x3/2-way, monostable, closed Ax. number of valve coils 2 Compatible with Valve terminal VTUX-A-P Display type LED Vellow LED, valve control Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure On MPa	Pilot air supply	Internal
Max. number of valve coils ompatible with Valve terminal VTUX-A-P LED yellow LED, valve control operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure Onerating pressure for max. vacuum	Symbol	00997567
compatible with Valve terminal VTUX-A-P Display type LED Vellow LED, valve control Operating pressure for max. suction flow rate Operating pressure Ones MPa Operating pressure for max. vacuum Operating pressure on max. vacuum Operating pressure for max. vacuum	Valve function	2x3/2-way, monostable, closed
LED ignal status display Yellow LED, valve control Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure On 38 MPa	Max. number of valve coils	2
Yellow LED, valve control Operating pressure for max. suction flow rate Operating pressure Onerating pressure for max. vacuum Operating pressure for max. vacuum Onerating pressure for max. vacuum	Compatible with	Valve terminal VTUX-A-P
Operating pressure for max. suction flow rate Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure for max. vacuum One of max. vacuum Operating pressure for max. vacuum	Display type	LED
Operating pressure for max. suction flow rate 4 bar 58 psi 59 perating pressure for max. suction flow rate 58 psi 60 perating pressure 0.2 MPa 0.7 MPa 60 perating pressure 2 bar 7 bar 60 perating pressure 0.38 MPa 60 perating pressure 60 perating pressu	Signal status display	Yellow LED, valve control
Operating pressure for max. suction flow rate 58 psi Operating pressure 0.2 MPa 0.7 MPa Operating pressure 2 bar 7 bar Operating pressure for max. vacuum 0.38 MPa	Operating pressure for max. suction flow rate	0.4 MPa
Operating pressure 0.2 MPa 0.7 MPa 2 2 bar 7 bar Operating pressure 0.38 MPa 0.38 MPa	Operating pressure for max. suction flow rate	4 bar
Operating pressure 2 bar 7 bar 0.38 MPa 0.38 MPa	Operating pressure for max. suction flow rate	58 psi
Operating pressure for max. vacuum 0.38 MPa	Operating pressure	0.2 MPa 0.7 MPa
	Operating pressure	2 bar 7 bar
Operating pressure for max. vacuum 3.8 bar	Operating pressure for max. vacuum	0.38 MPa
	Operating pressure for max. vacuum	3.8 bar

Feature	Value
Operating pressure for max. vacuum	55.1 psi
Max. vacuum	0.093 MPa
Nominal operating pressure	0.6 MPa
Nominal operating pressure	6 bar
Nominal operating pressure	87 psi
Pilot pressure	0.2 MPa 0.7 MPa
Pilot pressure	2 bar 7 bar
Max. suction flow rate against atmosphere	24 l/min
Air supply time at nominal operating pressure	0.39 s
Dimensions (W x L x H)	12.55 mm x 150.8 mm x 68.8 mm
Inductive protective circuit	Integrated
	Typ. 2 mA
Note regarding operating voltage	SELV/PELV fixed power supplies required Note voltage drop
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10 %
Approval	RCM trademark
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-:2] Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ℃ 70 ℃
Relative air humidity	5 - 95%
Degree of protection	IP65
Note on degree of protection	In assembled state
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:-]
Ambient temperature	-5 ℃ 50 ℃
Nominal altitude of use	<= 2000 m NHN
Max. installation height	2000 m
Product weight	65 g
Electrical control	Multi-pin plug
Type of mounting	Tie rod
	QS-4 QS-6 QS-8 QS-5/32 QS-1/4 QS-5/16 For tubing outside diameter of 4 mm For tubing outside diameter of 6 mm For tubing outside diameter of 8 mm For tubing outside diameter of 1/4" For tubing outside diameter of 5/16"
Note on materials	RoHS-compliant
Material sub-base	PA-reinforced
Material cover	PA-reinforced
	HNBR NBR
Material receiver nozzle	POM
Material foil	Polyester
Material housing	PA-reinforced

Feature	Value
Material sleeve	Wrought aluminium alloy
Material clip	High-alloy stainless steel
Material nut	High-alloy stainless steel
Material o-ring	HNBR NBR
Material adjusting screw	PA-reinforced
Material silencer	PP PU foam
Material screws	High-alloy stainless steel
Material transmitter nozzle	Wrought aluminium alloy