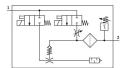
## Vacuum generator OVEM-14-H-B-GO-CE-N-2P Part number: 540017







## General operating condition

Feature	Value
Nominal size, Laval nozzle	1.4 mm
Grid dimension	20 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High vacuum Standard
Grade of filtration	40 μm
Manual override	Non-detenting Additionally via operating buttons
Integrated function	Electric ejector pulse valve Flow control Electric on-off valve Filter Air saving function, electrical Check valve Open silencer Vacuum switch
Design	Modular
Short circuit current rating	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
Standard switching input	IEC 61131-2
Display type	4-place alphanumeric Back-lit LCD
Indicating range	-0.999 bar 0 bar
Displayable units	bar
Setting range hysteresis	-0.9 bar 0 bar
Setting options	Via display and keys
Switching position indicator	LCD
Switching status indication	Optical
Setting range threshold value	-0.999 bar 0 bar
Operating pressure	2 bar 8 bar

Operating pressure for max. vacuum	Feature	Value
Nominal operating pressure Max. suction flow rate against atmosphere Max. suction flow rate against atmosphere Max. suction flow rate against atmosphere Operational voltage range DC Operational voltage So V Mapping of Max. Such With Ecolis Insulation voltage So V No Load supply current Off State current Operating drope Operating off protection Available Immunity to surge Operating off protection Operating off state off s	Operating pressure for max. vacuum	3.6 bar
Max. sucion flow rate against atmosphere Air supply time at nominal operating pressure Operational voltage range DC Duty cycle Inductive protective circuit Adapted to NZ, NY, ME coils Insulation voltage SO V No-load supply current Off state curre	Max. vacuum	93 %
Air supply time at noninal operating pressure Operational voltage range DC No-load Supply current Operating So V No-load Supply current Operational voltage So V No-load Supply current Operation So So V No-load Supply current Operation So So So V No-load Supply current Operation So	Nominal operating pressure	6 bar
Operational voltage range DC  Duty cycle  IDOW  IDOW  IDOW  Insculted protective circuit  Adapted to MZ, MY, ME coils  Insulation voltage  100 mA  Not-load supply current  100 mA  Off-state current  Off-state current  Voltage drop  Characteristic coil data  Immunity to surge  Overload protection  Available  Pollution degree  3	Max. suction flow rate against atmosphere	50.5 l/min
Operational voltage range DC  Duty cycle  IDOW  IDOW  IDOW  Insculted protective circuit  Adapted to MZ, MY, ME coils  Insulation voltage  100 mA  Not-load supply current  100 mA  Off-state current  Off-state current  Voltage drop  Characteristic coil data  Immunity to surge  Overload protection  Available  Pollution degree  3	·	0.2 s
Duty cycle inductive protective circuit insulation votage \$ 50 V No load supply current \$ 70 mA Ass. coutput current \$ 100 mA Off-state current \$ 0.1 mA Switching output \$ 2 NPNP Voltage drop \$ 1.5 V Characteristic coil data \$ 24 V DC; low current phase 0.3 W, high current phase 2.55 W Immunity to surge \$ 0.8 kV Overload protection Available Pollution degree \$ 3 Approval \$ CE mark (see declaration of conformity) \$ 10 UK instructions for EMC Operating medium Composine resistance class CRC Operating medium Composine resistance class CRC 2 - Moderate corrosion stress Hadis or in humidity Media temperature \$ 0.9 C 50 °C Relative air humidity Media temperature \$ 0.9 C 50 °C Relative air humidity  Moderating forque \$ 1.8 S % Sound pressure level at nominal operating pressure \$ 1.9 C 50 °C Relative air humidity  Max. gightening torque \$ 2.5 Nm with through hole  Anciple of mounting  Max. gightening torque \$ 3.8 KS  Pressure measuring range \$ 4.0 AS Nm voith female thread Accuracy in * * \$ 15 S N S  Sound pressure for in puts  Record of		20.4 V 27.6 V
insulation voltage  50 V  No-load supply current  Ass. output current  100 mA  Max. output current  0.1 mA  Switching output  Voltage drop  4.5 V  Characteristic coil data  immunity to surge  0.8 kW  Overload protection  Available  Pollution degree  3 RCM trademark  cul us listed (N).  KC mark  KC m		100%
Insulation voltage  No-load supply current  No-load supply current  Off-state current  Switching output  Voltage drop  \$1.5 V  Characteristic coil data  2x V DC. low-current phase 0.3 W, high-current phase 2.55 W  Immunity to surge  OR & V  Overload protection  Available  Pollution degree  3  Approval  RCM trademark  CUL us listed (OL)  RC mark  RCEAW  R		Adapted to MZ, MY, ME coils
Not- on a supply current	·	
Max. output current 0.0 mA Offstate current 0.1 mA Offstate current 0.1 mA Offstate current 0.1 mA Switching output 22PNP Voltage drop 4.1.5 V Characteristic coil data 22 V DC. low-current phase 0.3 W, high-current phase 2.55 W Immunity to surge 0.3 k V Overload protection Available Pollution degree 3 RCM trademark cUL us listed (OU)  KC mark (See declaration of conformity) To EUEMC Directive UKCA marking (see declaration of conformity) To EUEMC Directive UKCA marking (see declaration of conformity) To UK instructions for EMC Operating medium Compensing and pilot medium Ubricated operation not possible Corrosion resistance class CRC 2. Moderate corrosion stress LABS (PWIS) conformity Media temperature 0°C		<70 mA
Off-state current Switching output Switc		100 mA
Voltage drop Characteristic coll data 2a V DC: low-current phase 0.3 W, high-current phase 2.55 W Immunity to surge Overload protection Available Pollution degree 3 Approval RCM trademark c UL us listed (OL) RC mark (see declaration of conformity) In EU EMC Directive UKCA marking (see declaration of conformity) IN EU EMC Directive UKCA marking (see declaration of conformity) IN EU EMC Directive UKCA marking (see declaration of conformity) IN To UK instructions for EMC Operating medium Corrosion resistance class CRC 2- Moderate corrosion stress  Carrosion resistance class CRC 2- Moderate corrosion stress  LABS (PWIS) conformity VDMA2364 zone III Wedia temperature 0°C 50 °C Relative air humblity 5- 85 % Sound pressure level at nominal operating pressure 77 dB(A) Degree of protection 1965 Protection class III Ambient temperature 0°C 50 °C Max. tightening torque 0.5 Nm with framea thread 2.5 Nm with through-hole Product weight Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0		
Voltage drop Characteristic coll data 2a V DC: low-current phase 0.3 W, high-current phase 2.55 W Immunity to surge Overload protection Available Pollution degree 3 Approval RCM trademark c UL us listed (OL) RC mark (see declaration of conformity) In EU EMC Directive UKCA marking (see declaration of conformity) IN EU EMC Directive UKCA marking (see declaration of conformity) IN EU EMC Directive UKCA marking (see declaration of conformity) IN To UK instructions for EMC Operating medium Corrosion resistance class CRC 2- Moderate corrosion stress  Carrosion resistance class CRC 2- Moderate corrosion stress  LABS (PWIS) conformity VDMA2364 zone III Wedia temperature 0°C 50 °C Relative air humblity 5- 85 % Sound pressure level at nominal operating pressure 77 dB(A) Degree of protection 1965 Protection class III Ambient temperature 0°C 50 °C Max. tightening torque 0.5 Nm with framea thread 2.5 Nm with through-hole Product weight Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0 bar Accuracy in 2% FS Reproducibility of switching values FS 0.6 % Switching logic for inputs Pressure measuring range 1-1 bar 0	Switching output	2xPNP
Characteristic coll data  24 V DC: low-current phase 0.3 W, high-current phase 2.55 W Immunity to surge  0.8 kV Overload protection  Available Pollution degree  3 Approval  RCM trademark cUL us listed (OL)  KC mark  KC EMV  CE mark (see declaration of conformity)  To EU EMC Directive  UNCA marking (see declaration of conformity)  To EU EMC Directive  UNCA marking (see declaration of conformity)  To EU EMC Directive  UNCA marking (see declaration of conformity)  Note on operating medium  Compressed air to ISO 8973-1:2010 [7:4:4]  Note on on operating and pilot medium  Lubricated operation not possible  Corrosion resistance class CRC  2 - Moderate corrosion stress  Labs (PWIS) Conformity  VOMA24364 zone III  Media temperature  0 °C 50 °C  Relative air humidity  5 - 85 %  Sound pressure level at nominal operating pressure  17 dB(A)  Degree of protection  Possure level at nominal operating pressure  18 Se g  Protection class  III  Ambient temperature  0 °C 50 °C  Awa. Lightening torque  2.5 Nm with through-hole  Product weight  Pressure measuring range  1 - 15 ar 0 bar  Accuracy in ± % FS  Reproductibility of switching values FS  0.6 %  Switching logic for inputs  Electrical connection  PPP (Destive switching)  Electrical connection  5 - pin M12 x1 Plugs  Type of mounting  With through-hole Via female thread With accessories  PPP (Destive switching)  Electrical connection, port 1  Presumatic connection, port 3  Integrated silencer  Preumatic connection, port 3  Integrated silencer  Preumatic connection, port 3  Nere on materials  Nore on materials  Nore on materials  Nore on materials  Nore on materials  Material receiver nozzle  Material filter  POM  Material filter  Fabric pA		≤1.5 V
Immunity to surge         0.8 kV           Overload protection         Available           Pollution degree         3           Approval         RCM trademark           U. I. silisted (01)           KC mark         KC-EMV           CE mark (see declaration of conformity)         To EV EMC 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         Ubricated operation not possible           Corrosion resistance class GRC         2. Moderate corrosion stress           LABS (PWIS) conformity         VDMA24364 zone III           Media temperature         0 °C 50 °C           Relative air humidity         5. 85 %           Sound pressure level at nominal operating pressure         77 dB(A)           Degree of protection         IP65           Protection class         III           Max. tightening torque         0 °C 50 °C           Max. tightening torque         0 °S. m with through-hole           Pressure measuring range         1 bar. o. bar           Accuracy in * % FS         3 % FS           Reproducibility of switching values FS         0 °%           Switching logic f	· · · · · · · · · · · · · · · · · · ·	24 V DC: low-current phase 0.3 W. high-current phase 2.55 W
Overload protection Pollution degree 3 Approval		
Pollution degree 3 Approval RCM trademark cUL us listed (OL)  KC mark KC-EMW  CE mark (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) To EU EMC Directive  UKCA marking (see declaration of conformity) US 65 8573-1;2010 [7:4:4]  Note on operating and pilot medium  Lubricated operation not possible  Corrosion resistance class CRC  2 - Moderate corrosion stress  UMA24364 zone III  Media temperature  0 °C 50 °C  WMA24364 zone III  WM WHO PROVIDED TO P		
Approval Approval CK mark KC mark Mcda taperation on possible Corrosion resistance lass care Corrosion resistance lass care Corrosion resistance lass care Corrosion resistance lass care Compressor al surface corrosion stress  Corrosion resistance lass care Compressor al surface corrosion stress  Corrosion resistance lass care Compressor al surface corrosion stress  Compressor al surface corrosion stress  Compressor al mark Mark Compressor al		
KC mark       KC-EMV         CE mark (see declaration of conformity)       To EU EMC Directive         UKCA marking (see declaration of conformity)       To UK instructions for EMC         Operating mad pilot medium       Lubricated operation not possible         Corrosion resistance class CRC       2 - Moderate corrosion stress         LABS (PWIS) conformity       VDMA24364 zone III         Media temperature       0 °C 50 °C         Relative air humidity       5 · 85 %         Sound pressure level at nominal operating pressure       77 dB(A)         Degree of protection       IP65         Protection class       III         Ambient emperature       0 °C 50 °C         Max. tightening torque       0.8 Nm with female thread         Acx tightening torque       0.8 Nm with frough-hole         Product weight       385 g         Pressure measuring range       -1 bar 0 bar         Accuracy in ± % FS       3 %FS         Reproducibility of switching values FS       0.6 %         Switching logic for inputs       PNP (positive switching)         Electrical connection       5 pin M12x1 plugs         Type of mounting       With through-hole via female thread with accessories         Pneumatic connection, port 1       61/4         <	_	RCM trademark
UKCA marking (see declaration of conformity) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C 50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure Percetcion class III Ambient temperature 0 °C 50 °C Max. tightening torque 10 8 Mm with female thread 2.5 km with through-hole Product weight 385 g Pressure measuring range 1 bar 0 bar Accuracy in ± % F5 3 %F5 Switching logic for inputs  Electrical connection Type of mounting With through-hole Via female thread With accessories  Pheumatic connection, port 1 Pneumatic connection Maxer and the season of the se	KC mark	
UKCA marking (see declaration of conformity) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C 50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure Percetcion class III Ambient temperature 0 °C 50 °C Max. tightening torque 10 8 Mm with female thread 2.5 km with through-hole Product weight 385 g Pressure measuring range 1 bar 0 bar Accuracy in ± % F5 3 %F5 Switching logic for inputs  Electrical connection Type of mounting With through-hole Via female thread With accessories  Pheumatic connection, port 1 Pneumatic connection Maxer and the season of the se		
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         2 - Moderate corrosion stress           LABS (PWIS) conformity         VDMA24364 zone III           Media temperature         0 °C 50 °C           Relative air humidity         5 - 85 %           Sound pressure level at nominal operating pressure         77 dB(A)           Degree of protection         IP65           Protection class         III           Ambient temperature         0 °C 50 °C           Max. tightening torque         0.8 Mm with female thread           2.5 Mm with through-hole         2.5 Mm with through-hole           Pressure measuring range         -1 bar 0 bar           Accuracy in ± % FS         3 %FS           Reproducibility of switching values FS         0.6 %           Switching logic for inputs         PNP (positive switching)           Electrical connection         5-pin milzxt Plugs           Type of mounting         With through-hole Vita female thread With accessories           Pneumatic connection, port 1         G1/4           Pneumatic connection, port 3         Integrated silencer           Vacuum connection         G1/4	·	
Note on operating and pilot medium  Corrosion resistance class CRC  2 - Moderate corrosion stress  LABS (PWIS) conformity  VDMA24364 zone III  Media temperature  0 °C 50 °C  Relative air humidity  5 - 85 %  Sound pressure level at nominal operating pressure  77 dB(A)  Degree of protection  IP65  Protection class  III  Ambient temperature  0 °C 50 °C  0.8 Nm with female thread 2.5 Nm with through-hole 2.5 Nm with through-hole 385 g  Pressure measuring range  -1 bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  Switching logic for inputs  Electrical connection  Type of mounting  With through-hole With excessories  Pneumatic connection, port 1  Pneumatic connection, port 3  Integrated silencer  Accuracy in through-mole With accessories  Relative air in through-mole With through-mole With accessories  Relative air in through-mole With through-mole With through-mol		
Corrosion resistance class CRC  LABS (PWIS) conformity  WDMA24364 zone III  Media temperature  0 °C 50 °C  Relative air humidity 5 - 85 %  Sound pressure level at nominal operating pressure  77 dB(A)  Degree of protection  IP65  Protection class  III  Ambient temperature  0 °C 50 °C  Max. tightening torque  0.8 Nm with female thread 2.5 Nm with through-hole  Product weight 385 g  Pressure measuring range -1 bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  Switching logic for inputs  Electrical connection  Type of mounting  Pheumatic connection, port 1  Pheumatic connection, port 3  Material seals  Material seals  Material Filter  Material filter  PoM  Material filter  PoM  Material filter		
LABS (PWIS) conformity  Media temperature  0 °C 50 °C  Relative air humidity  5 · 85 %  Sound pressure level at nominal operating pressure  77 dB(A)  Degree of protection  Protection class  III  Ambient temperature  0 °C 50 °C  Max. tightening torque  1 · bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  0 · 6 %  Switching logic for inputs  Electrical connection  1 · propositive switching  Type of mounting  1 · propositive switching  2 · propositive switching  2 · propositive switching  2 · propositive switching  2 · proposi		
Media temperature       0 °C 50 °C         Relative air humidity       5 - 85 %         Sound pressure level at nominal operating pressure       77 dB(A)         Degree of protection       IP65         Protection class       III         Ambient temperature       0 °C 50 °C         Max. tightening torque       0.8 Nm with female thread         2.5 Nm with through-hole       2.5 Nm with through-hole         Product weight       385 g         Accuracy in ± % FS       3 % FS         Reproducibility of switching values FS       0.6 %         Switching logic for inputs       PNP (positive switching)         Electrical connection       5-pin M12x1 Plugs         Type of mounting       With through-hole Via female thread With accessories         Pneumatic connection, port 1       G1/4         Pneumatic connection, port 3       Integrated silencer         Vacuum connection       G1/4         Note on materials       RoHS-compliant         Material seals       NBR         Material receiver nozzle       POM         Material filter       Fabric PA		
Relative air humidity 5 - 85 %  Sound pressure level at nominal operating pressure 77 dB(A)  Degree of protection IP65  Protection class III  Ambient temperature 0°C 50 °C  Max. tightening torque 2.5 Nm with female thread 2.5 Nm with through-hole Product weight 385 g  Pressure measuring range 1 bar 0 bar  Accuracy in ± % FS 3 %FS  Reproducibility of switching values FS 0.6 %  Switching logic for inputs PNP (positive switching)  Electrical connection \$\frac{5}{1}\text{pings}\$  Type of mounting With through-hole Via female thread With accessories With through-hole Via female thread With accessories With a female thread With accessories Pneumatic connection, port 1 G1/4  Pneumatic connection, port 3 Integrated silencer  Vacuum connection G1/4  Note on materials RoHS-compliant  Material seals NBR  Material receiver nozzle POM  Material filter Fabric PA		17 1
Sound pressure level at nominal operating pressure  Pogree of protection  Protection class  III  Ambient temperature  O°C50°C  Max. tightening torque  O.8 Nm with female thread 2.5 Nm with hrough-hole  Product weight  Pressure measuring range  1 bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  Switching logic for inputs  Electrical connection  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  Pneumatic connection, port 3  Integrated silencer  Vacuum connection  Material seals  Material filter  Material filter  Material filter  POM  Material filter  Pressure measuring range  1. Bar 0 bar  0.8 Nm with fremale thread 2.5 Nm with female thread 385 g  Will  With through-hole Via female thread With accessories  RoHS-compliant  Material seals  NBR  Material filter	ļ ·	
Degree of protection Protection class III Ambient temperature O °C 50 °C Max. tightening torque 0.8 Nm with female thread 2.5 Nm with through-hole Product weight 385 g Pressure measuring range -1 bar 0 bar Accuracy in ± % FS Reproducibility of switching values FS O.6 % Switching logic for inputs PNP (positive switching) Electrical connection Spin M12x1 Plugs Type of mounting With through-hole Via female thread With accessories Pneumatic connection, port 1 Pneumatic connection, port 3 Integrated silencer Vacuum connection G1/4 Note on materials RoHS-compliant Material seals NBR Material receiver nozzle Material filter Material filter  Pios Note on Commended  III  O C 50 °C  O	,	
Protection class  Ambient temperature  O °C 50 °C  Max. tightening torque  0.8 Nm with female thread 2.5 Nm with through-hole  Product weight  385 g  Pressure measuring range 1 bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  O.6 %  Switching logic for inputs  Electrical connection  Spin M12x1 Plugs  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  Final Connection  G1/4  Pneumatic connection, port 3  Integrated silencer  Vacuum connection  Material seals  NBR  Material receiver nozzle  Material filter  Material filter  Material filter  O °C 50 °C  0.8 Nm with female thread 2.5 Nm with through-hole Via female thread With accessories  RoHS-compliant  NBR  Material receiver nozzle  POM  Material filter		
Ambient temperature 0°C 50°C  Max. tightening torque 0.8 Nm with female thread 2.5 Nm with through-hole  Product weight 385 g  Pressure measuring range -1 bar 0 bar  Accuracy in ± % FS 3%FS  Reproducibility of switching values FS 0.6 %  Switching logic for inputs PNP (positive switching)  Electrical connection 5-pin M12x1 Plugs  Type of mounting With through-hole Via female thread With accessories  Pneumatic connection, port 1 G1/4  Pneumatic connection, port 3 Integrated silencer  Vacuum connection G1/4  Note on materials RoHS-compliant  Material seals NBR  Material receiver nozzle POM  Material filter Fabric PPA		
Max. tightening torque  2.5 Nm with female thread 2.5 Nm with through-hole  Product weight  385 g  Pressure measuring range  -1 bar 0 bar  Accuracy in ± % FS  Reproducibility of switching values FS  0.6 %  Switching logic for inputs  Electrical connection  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  G1/4  Pneumatic connection, port 3  Integrated silencer  Vacuum connection  G1/4  Note on materials  Material seals  NBR  Material receiver nozzle  Material filter  Robs Compliant  Fabric PA  Fabric PA  Robs Compliant  Fabric PA  Robs Compliant  Fabric PA  Fabric PA  Robs Compliant  Fabric PA  Fabric PA  Robs Compliant  Fabric PA  Fabric P		
Product weight       385 g         Pressure measuring range       -1 bar 0 bar         Accuracy in ± % FS       3 %FS         Reproducibility of switching values FS       0.6 %         Switching logic for inputs       PNP (positive switching)         Electrical connection       5-pin M12x1 Plugs         Type of mounting       With through-hole Via female thread With accessories         Pneumatic connection, port 1       G1/4         Pneumatic connection, port 3       Integrated silencer         Vacuum connection       G1/4         Note on materials       RoHS-compliant         Material seals       NBR         Material filter       Fabric PA         Material filter       Fabric PA		
Pressure measuring range Accuracy in ± % FS Reproducibility of switching values FS O.6 %  Switching logic for inputs PNP (positive switching)  Electrical connection With through-hole Via female thread With accessories  Pneumatic connection, port 1 Pneumatic connection, port 3  Vacuum connection  Material seals Material filter  Passing A Switching Joseph A Switching PNP (positive switching)  Fig. 10.6 %  Note on materials RoHS-compliant Material filter  Fabric PA	·	2.5 Nm with through-hole
Accuracy in ± % FS Reproducibility of switching values FS O.6 % Switching logic for inputs PNP (positive switching)  Electrical connection With through-hole Via female thread With accessories Pneumatic connection, port 1 Pneumatic connection, port 3 Integrated silencer Vacuum connection G1/4 Note on materials RoHS-compliant Material seals Material filter Material filter Fabric PA		
Reproducibility of switching values FS  Switching logic for inputs  Electrical connection  For pin M12x1 Plugs  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  Fine grated silencer  Vacuum connection  G1/4  Note on materials  Material seals  Material receiver nozzle  Material filter  PNP (positive switching)  FNP (positive switching)  S-pin M12x1 PNP (positive switching)  Fine grated silencer  S-pin M12x1 PNP (positive switching)  S-pin M12x1 PNP (positive switching)  S-pin M2x1 Plugs  With through-hole Via female thread With accessories  Plugs  With through-hole Via female thread With accessories  B1/4  Note on material silencer  S-pin M2x1 PNP (positive switching)  S-pin M2x1 Plugs  With through-hole Via female thread With accessories  PNP (positive switching)  S-pin M12x1 Plugs  With through-hole Via female thread With accessories  PNP (positive switching)  S-pin M2x1 Plugs  With through-hole Via female thread With accessories  PNP (positive switching)  S-pin M2x1 Plugs  With through-hole Via female thread With accessories  Pneumatic connection of 1/4  Note on materials  NBR  Material filter  Fabric PA		
Switching logic for inputs  Electrical connection  For pin M12x1 Plugs  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  Pneumatic connection, port 3  Integrated silencer  Vacuum connection  G1/4  Note on materials  RoHS-compliant  Material seals  Material receiver nozzle  Material filter  PNP (positive switching)  S-pin M12x1 Plugs  With through-hole Via female thread With accessories  Pil 4  Rotly G1/4		
Electrical connection  5-pin M12x1 Plugs  Type of mounting  With through-hole Via female thread With accessories  Pneumatic connection, port 1  Pneumatic connection, port 3  Integrated silencer  Vacuum connection  G1/4  Note on materials  Note on materials  Material seals  Material receiver nozzle  Material filter  Fabric PA  Page  S-pin M12x1 Plugs  Silva With through-hole Via female thread With accessories  Integrated silencer  G1/4  ROHS-compliant  NBR  POM  Material filter  Fabric PA		
Mi2x1 Plugs  Type of mounting With through-hole Via female thread With accessories  Pneumatic connection, port 1 Pneumatic connection, port 3 Integrated silencer Vacuum connection G1/4 Note on materials RoHS-compliant Material seals NBR Material receiver nozzle Material filter Fabric PA	· ·	
Type of mountingWith through-hole Via female thread With accessoriesPneumatic connection, port 1G1/4Pneumatic connection, port 3Integrated silencerVacuum connectionG1/4Note on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterFabric PA	Liectrical connection	
Via female thread With accessoriesPneumatic connection, port 1G1/4Pneumatic connection, port 3Integrated silencerVacuum connectionG1/4Note on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterFabric PA		
Pneumatic connection, port 1G1/4Pneumatic connection, port 3Integrated silencerVacuum connectionG1/4Note on materialsRoHS-compliantMaterial sealsNBRMaterial receiver nozzlePOMMaterial filterFabric PA	Type of mounting	
Pneumatic connection, port 3  Vacuum connection  Sol / 4  Note on materials  Material seals  Material receiver nozzle  Material filter  Material filter  Note on materials  NBR  POM  Fabric PA		
Vacuum connection     G1/4       Note on materials     RoHS-compliant       Material seals     NBR       Material receiver nozzle     POM       Material filter     Fabric PA	Pneumatic connection, port 1	G1/4
Note on materials  Material seals  Material receiver nozzle  Material filter  Material filter  RoHS-compliant  NBR  POM  Fabric PA	Pneumatic connection, port 3	Integrated silencer
Material seals  Material receiver nozzle  Material filter  Material filter  PoM  Fabric PA	Vacuum connection	G1/4
Material receiver nozzle POM  Material filter Fabric PA	Note on materials	RoHS-compliant
Material filter Fabric PA	Material seals	NBR
PA PA	Material receiver nozzle	РОМ
	Material filter	

Feature	Value
Material filter housing	PA-reinforced
Material housing	Die-cast aluminium PA-reinforced
Material adjusting screw	Steel
Material silencer	Wrought aluminium alloy PU foam
Material screws	Steel
Material screen	PA
Material connector housing	Nickel-plated brass
Material electrical contact	Gold-plated brass
Material pins	Steel
Material keypad	TPE-U
Material fitting	Anodised wrought aluminium alloy