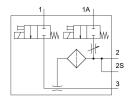
## Vacuum generator OVTL Part number: 8103599







## **Data sheet**

Feature	Value
Nominal size, Laval nozzle	0.45 mm0.95 mm
Grid dimension	10 mm15 mm
Silencer design	Open
Number of device positions	28
Mounting position	optional
Ejector characteristic	High suction rate High vacuum Standard
Grade of filtration	40 μm
Manual override	Non-detenting
Integrated function	Electric ejector pulse Flow control Pressure sensor Pressure transmitter Electric on-off valve Filter Open silencer
Design	For connection position on both sides For connection position on the side
Switching element function	N/C or N/O contact, switchable
Switching function	Freely programmable
Valve function	Closed
Display type	LED indicator 2-digit
Operating pressure for max. suction flow rate	3 bar6 bar
Operating pressure	0.2 MPa0.7 MPa 2 bar7 bar 29 psi101.5 psi
Operating pressure for max. vacuum	3.8 bar4.5 bar
Max. vacuum	89 %92 %
Nominal operating pressure	0.4 MPa 4 bar 58 psi
Max. suction flow rate against atmosphere	4 l/min45 l/min
Air supply time at nominal operating pressure with ejector pulse	0.4 s2 s

Depressional voltage range DC  2.1.6 W.2.6.6 AV  Duty cycle  100%  Switching output  PREPRIPA, switchable  Approval  2.2.4 VDC: 1.0 W  Approval  CE mark (see declaration of conformity)  De Listed (OL)  CE mark (see declaration of conformity)  To ELEMNC Directive  Cemerity (see declaration of conformity)  Do Listed (OL)  CEmerity (see declaration of conformity)  To ELEMNC Directive  Compressed air to ISO 8573-1:2010 [7:4-4]  Note on operating and pilot medium  Compressed air to ISO 8573-1:2010 [7:4-4]  Note on operating and pilot medium  Lubricated operation not possible  Corrosion resistence class CRC  2. Moderate corrosion stress  LABS PRIVIS conformity  WDMA2364 B1/82 L  Media temperature  O C50°C  Sound pressure level at nominal operating pressure  \$2.40(A).6.4 B8/A)  Degree of protection  PAO  Ambient temperature  O C50°C  Depressing rotting range  O I. MPS0 MPS  Degree of protection  Prosure recessuring range  O I. MPS0 MPS  The conformation input, function  Electrical connection input, connection type  Electrical connection input, connection type  Electrical connection input, connector system  Connection pressure on purple connector system  Electrical connection input, connector system  Connection output, function  Electrical connection input, number of connections/cores  Depression of the purple of the pur	Feature	Value
Operational voltage range DC  Doty cycle  100%  100%  Switching output  PRP/PAPN, switchable  Characteristic coil data  24 V DC: 1.28 W 24 V DC: 1.0 W 25 V DC: 1.0 W 26 W DC: 1.0 W 27 V DC: 1.0 W 28 V DC: 1.0 W 29 V DC: 1.0 W 20 V	Analogue output	·
Duty cycle  50% Switching output  70% PNP/NPN, switchable 70% PNPN/NPN, switchable 70% PNPN/NPNN/NPNN PNPN/NPNN PNPN/NPNN PNPN/NPNN PNPN/NPNN PNPN/NPNN PNPNN PNN		
Switching output Characteristic coil data 24 V DC: 1.2 N W Approval CLU us listed (OL) CE mark (see declaration of conformity) To EU EM Circitor CE marking (see declaration of conformity) To EU EM Circitor CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Comprising and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 Moderate corrosion stress Corrosion resistance corrosion stress Corrosion resistance corrosion class CRC Corrosion CRC		21.6 V26.4 V
Characteristic coil data 24 V D.C. 1.28 W 24 V D.C. 1.08 W Approval CE mark (see declaration of conformity) To EU Eu Christickee declaration of conformity) To EU Eu Christickee declaration of conformity) To EU Eu Christickee Ce marking (see declaration of conformity) To ULI us listed (DL) CE mark (see declaration of conformity) To ULI us listed (DL) Ce marking (see declaration of conformity) To ULI us instructions for EMC Operating medium Compressed air to ISO 8573-12010 [74:46] Note on neperating and pilot medium Ulibricated operation not possible Corrosion resistance class CRC 2 Moderate corrosions resis LABS (PWIS) conformity VDMAA2646-81/82-1 VDMAA	• •	
24 V DC 1.0 W		
CE mark (see declaration of conformity)  CE marking (see declaration of conformity)  To UK instructions for EMC  Cemarking (see declaration of conformity)  To UK instructions for EMC  Compressed in 16 50 8573-1;2010 [7:4-4]  Note on operating and pilot medium  Corrosion resistance class CRC  2 - Moderate corrosion stress  ABSS (PWIS) conformity  VDMA2364-81 [792-1]  Media temperature  0 °C50 °C  Sound pressure level at nominal operating pressure  22 dB(N)68 dB(A)  Degree of protection  IPAO  Ambient temperature  0 °C50 °C  Product weight  118 g890 g  Operating workage range, DC sensor  10 V30 V  Pressure measuring range  1-0.1 MPa0 MPa  1-14.5 p.i.0. psi  Electrical connection input, function  Electrical connection input, connection type  Electrical connection input, connection type  Electrical connection input, number of connections/cores  Input electrical connection input, function  Electrical connection input, number of connections/cores  Electrical connection output, function  Electrical connection output, function  Electrical connection output, function  Electrical connection output, number of connections/cores  1 put electrical connection output, function  Electrical connection output, number of connections/cores  2 langual electrical connection output, function  Electrical connection output, number of connections/cores  3 Cable Clectrical connection output, number of connections/cores  4 O. I mm  Connection output, number of connections/cores  5 Connection output, number of connections/cores  6 Connection output, number of connections/cores  7 Connection output, number of connections/cores  8 Connection output, number of connections/cores  9 Connection output, number of connections/cores  1 Connection output, number of conn	Characteristic coil data	
CE marking (See declaration of conformity)  Derating medium  Compressed air to 150 8573-1:2010 [7:4:4]  Note on operating and pilot medium  Lubricated operating on to 150 8573-1:2010 [7:4:4]  Lubricated operating on the possible  Corrosion resistance class CRC  2 - Moderate corrosion stress  VDMA2436-81/82-L  Model attemperature  0 °C50 °C  Sound pressure level at nominal operating pressure  Degree of protection  PACO  Rambient temperature  0 °C50 °C  Product weight  118 g890 g  Operating voltage range, DC sensor  Pressure measuring range  -0.1 MPa0 MPa -1 bar0 bar -1-bar0 bar -1-b	Approval	c UL us listed (OL)
Operating medium Compressed air to ISO 8573 1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation not possible Corrosion restrates class CRC 2. Moderate corrosion stress S LABS (PWIS) conformity VDMA24364 B1/B2-L Media temperature 0°C5°C Sound pressure level at nominal operating pressure 25 dB(A)68 dB(A) Degree of protection P40 Ambient temperature 0°C5°C Product weight 18 g890 g Operating voltage range, DC sensor 10 V30 V Pressure measuring range 1.0 Labra0 Mpa 1.45, p.l0	CE mark (see declaration of conformity)	To EU EMC Directive
Note on operating and pilot medium  Corrosion resistance class CRC  2. Moderate corrosion stress  NASS (PMIS) conformity  Media temperature  0°C50°C  Sound pressure level at nominal operating pressure  27. d8(A)68 d8(A)  Degree of protection  IPAQ  Ambient temperature  0°C50°C  Product weight  118 g890 g  Operating voltage range, DC sensor  10 V30 V  Pressure measuring range  0.1 MFB0 MFB. 1 har0 bar 1 har0 har 1 har0 har0 har 1 har0 har0 har 1 har0 har0 har0 har 1 har0 h	CE marking (see declaration of conformity)	To UK instructions for EMC
Corrosion resistance class CRC  2 - Moderate corrosion stress  VoMA24364-81/82-L  Media temperature  0 °C50 °C  Sound pressure level at nominal operating pressure  52 dB(A)68 dB(A)  Degree of protection  Rabbent temperature  0 °C50 °C  Product weight  118 g890 g  Operating voltage range, DC sensor  10 V30 V  Pressure measuring range  0.1 MPs0 MPs  1 bar0 bar	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
IABS (PWIS) conformity  Media temperature  0°C50°C  Sound pressure level at nominal operating pressure  52 dB(A)68 dB(A)  Degree of protection  Ambient temperature  0°C50°C  Product weight  118 g890 g  Operating voltage range, DC sensor  10 V30 V  Pressure measuring range  0.1 MPs0 MPs1 bar0 bar1 bar1 bar0 bar1 b	Note on operating and pilot medium	Lubricated operation not possible
Media temperature 0°C50 °C Sound pressure level at nominal operating pressure 22 dB(A)68 dB(A) Degree of protection   IP40 Ambient temperature 0°C50 °C Product weight 118 g890 g Operating voltage range, DC sensor 10 V30 V Pressure measuring range 0.1 MPa0 MPa 1-1 bar0 bar 1-14.5 psi0 psi Electrical connection input, function   Electrical connection input, connector by Electrical connection input, connector by Electrical connection input, connector by Electrical connection input, connector system   Connection pattern H   Electrical connection input, connector system   Connection pattern H   Electrical connection output, unumber of connections/cores 2 rinput electrical connection output, connector system   Connection pattern H   Electrical connection output, connector system   Connection pattern H   Electrical connection output, connector system   Cable   Electrical connection output, connector system   Cable   Electrical connection output, connector system   Cable   Electrical connection output, connector system   Open end   Electrical connection output, connector system   Open end   Electrical connection output, number of connections/cores 3   Cable characteristic   Suitable for energy chains   Cable   Electrical connection output, number of connections/cores   3   Cable characteristic   Suitable for energy chains   Cable length   2.5 m   Female thread G1/8   For tubing outsed diameter of 6 mm   For tubing outer diameter of 8 mm   For tubing outsed diameter of 4 mm   For tubing o	Corrosion resistance class CRC	2 - Moderate corrosion stress
Sound pressure level at nominal operating pressure  Degree of protection  Ambient temperature  Product weight  118 g890 g  Operating voltage range, DC sensor  10 V30 V  Pressure measuring range  -0.1 MPa 0 MPa 1 bar 0 bar -14.5 psi 0 psi Electrical connection input, function  Electrical connection input, connector bype Electrical connection input, connector yype Electrical connection input, number of connections/cores  Input electrical connection output, function  Electrical connection output, number of connections/cores  Input electrical connection output, function  Electrical connection output, connector system  Electrical connection output, function  Electrical connection output, connector system  Open end  Electrical connection output, connector system  Electrical connection output, number of connections/cores  3  Cable characteristic  Suitable for energy chains  Cable elegth  2.5 m  Type of mounting  With through-hole  Preumatic connection, port 1  Famale thread 61/8  For tubing 0.0.4 mm  For tubing 0.0.4 mm  For tubing 0.0.5 mm  Open silencer  Vacuum connection  Vacuum connection  For tubing 0.0.5 mm  Open silencer  Vacuum connection  Cable sheath colour  grey  Material sob-base  Mount aluminium alloy  Material sto-base  Material filter  POM  Material shollow bolt  Wrought aluminium alloy  Material loollow bolt  Wrought aluminium alloy	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Degree of protection Ambient temperature O °C50 °C Ambient temperature O °C50 °C Operating voltage range, DC sensor Operation operation input, connection type Operation operation operation voltage (and operation) Operation op	Media temperature	0 °C50 °C
Ambient temperature 0 °C50 °C Product weight 118 g890 g  Operating voltage range, DC sensor 10 V30 V  Pressure measuring range - 0.1 MPa0 MPa - 1 bar0 bar - 1.4 S. psl0 psi   Electrical connection input, function   Electrical connection input, connection type   2x plug connector   Electrical connection input, connector system   Connection pattern H   Electrical connection input, number of connections/cores   2   Input electrical connection, mounting type   Snap-in locking   Electrical connection output, function   Sensor   Electrical connection output, connector system   Open end   Electrical connection output, number of connections/cores   3   Cable characteristic   Suitable for energy chains   Cable diameter tolerance   2.5 m   Type of mounting   With through-hole   Pneumatic connection, port 1   Female thread 61/8   For tubing outside diameter of 8 mm   For tubing outside diameter of 8 mm   For tubing outside diameter of 4 mm   For tubing O.D. 6 mm   Open silencer   For tubing O.D. 6 mm   For tubing O.D	Sound pressure level at nominal operating pressure	52 dB(A)68 dB(A)
Product weight	Degree of protection	IP40
Operating voltage range, DC sensor  10 V30 V  Pressure measuring range  0.1 MPa0 MPa 1-1 bar0 bar 1-14.5 psi0 psi  Electrical connection input, function  Electrical connection input, connection type  2x plug connector  Electrical connection input, connection type  Electrical connection input, connections/cores  2 linput electrical connection input, umber of connections/cores  2 linput electrical connection uput, truction  Electrical connection output, function  Electrical connection output, connection type  Electrical connection output, connection type  Electrical connection output, connection type  Electrical connection output, connection system  Open end  Electrical connection output, unaber of connections/cores  3  Cable characteristic  Suitable for energy chains  Cable diameter tolerance  a 0.1 mm  Cable diameter tolerance  Cable length  2.5 m  Type of mounting  With through-hole  Penalatic connection, port 1  Femala thread 61/8  For tubing outside diameter of 6 mm  For tubing outside diameter of 8 mm  Preumatic connection, port 3  For tubing 0.D. 6 mm  Open silencer  Vacuum connection  Gable sheath colour  grey  Material connecting thread  POM  Note on materials  NBR  Material filter  POM  Material filter  POM  Material filter  Motought aluminium alloy  Material follow bolt  Wrought aluminium alloy  Material follow bolt  Wrought aluminium alloy	Ambient temperature	0 °C50 °C
Pressure measuring range  -0.1 MPa O MPa -1 bar O bar -1	Product weight	118 g890 g
1-bar0 bar   -14.5 psi0 psi	Operating voltage range, DC sensor	10 V30 V
Vacuum generation	Pressure measuring range	-1 bar0 bar
Electrical connection input, connector system  Electrical connection input, number of connections/cores  2 Input electrical connection, mounting type  Electrical connection output, function  Electrical connection output, connection type  Electrical connection output, connection type  Electrical connection output, number of connections/cores  Gable  Electrical connection output, number of connections/cores  3 Cable characteristic  Suitable for energy chains  Cable elaracteristic  Suitable for energy chains  Cable length  2.5 m  Type of mounting  With through-hole  Pemale thread 61/8  For tubing outside diameter of 6 mm  For tubing outside diameter of 8 mm  Preumatic connection, port 3  For tubing 0.0. 4 mm  For tubing 0.0. 5 mm  Open silencer  Vacuum connection  For tubing 0.0. 3 mm  For tubing 0.0. 6 mm  Open silencer  Wacuum connection ghread  POM  Note on materials  RoHS-compliant  Material sub-base  Wrought aluminium alloy  Material receiver nozzle  Material fluer  POM  Material housing  PA-reinforced  Material houlow bolt  Wrought aluminium alloy  Mrought aluminium alloy	Electrical connection input, function	
Electrical connection input, number of connections/cores Input electrical connection, mounting type Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, number of connections/cores 3 Cable electrical connection output, number of connections/cores 3 Cable characteristic Suitable for energy chains Cable diameter tolerance  \$\frac{\pmathbf{t}}{2}\$. Imm Cable length \$\frac{\pmathbf{t}}{2}\$. 5 m  Type of mounting With through-hole Pneumatic connection, port 1 Female thread \$G1/8\$ for tubing outside diameter of 6 mm For tubing outside diameter of 8 mm  Pneumatic connection, port 3 For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer Vacuum connection For tubing 0.D. 3 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection For tubing 0.D. 6 mm  Quential connecting thread POM Material connecting thread Note on materials RoH5-compliant Material sub-base Material seals Material receiver nozzle Material filter POM Material filter POM Material filter POM Material houlow bolt Wrought aluminium alloy Material houlow bolt Wrought aluminium alloy Material houlow bolt Wrought aluminium alloy	Electrical connection input, connection type	2x plug connector
Input electrical connection, mounting type Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, connector system Open end Electrical connection output, number of connections/cores 3 Cable characteristic Cable characteristic Cable diameter tolerance 4:0.1 mm Cable length 2.5 m Type of mounting With through-hole Pneumatic connection, port 1 Female thread G1/B, For tubing outside diameter of 6 mm For tubing outside diameter of 8 mm For tubing O.D. 4 mm For tubing O.D. 6 mm Open silencer Vacuum connection For tubing O.D. 3 mm For tubing O.D. 6 mm Open silencer Vacuum connection grey Material connecting thread POM Note on materials RoHS-compliant Material sub-base Material seals MBR Material receiver nozzle Material filter POM Material filter POM Material houlony blt Wrought aluminium alloy Material follow bolt Wrought aluminium alloy Material houlony blt Wrought aluminium alloy Material follow bolt Wrought aluminium alloy Material follow bolt Wrought aluminium alloy	Electrical connection input, connector system	Connection pattern H
Electrical connection output, function Electrical connection output, connection type Cable Electrical connection output, connection type Cable Electrical connection output, connector system Open end Electrical connection output, number of connections/cores 3 Cable characteristic Suitable for energy chains Cable diameter tolerance ± 0.1 mm Cable length 2.5 m Type of mounting With through-hole Pneumatic connection, port 1 Female thread G1/8 For tubing outside diameter of 6 mm For tubing outer diameter of 8 mm For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer Vacuum connection For tubing 0.D. 3 mm For tubing 0.D. 3 mm For tubing 0.D. 6 mm Open silencer Vacuum connection Robert Sheath colour For tubing 0.D. 6 mm For tubing 0.D. 6 mm Open silencer Waterial connecting thread POM Note on materials Robert Sheath Colour	Electrical connection input, number of connections/cores	2
Electrical connection output, connection type  Electrical connection output, connector system  Open end  Electrical connection output, number of connections/cores  3  Cable characteristic  Suitable for energy chains  Cable diameter tolerance  ± 0.1 mm  Cable length  2.5 m  Type of mounting  Pneumatic connection, port 1  Female thread G1/8 For tubing outside diameter of 6 mm For tubing outside diameter of 8 mm  Preumatic connection, port 3  For tubing 0.D. 4 mm For tubing 0.D. 5 mm Open silencer  Vacuum connection  For tubing 0.D. 3 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection grey  Material connecting thread  POM  Note on materials  Material sub-base  Mrought aluminium alloy  Material filter  POM  Material filter  POM  Material housing  Material housing  Material houlow bolt  Wrought aluminium alloy  Material houlow bolt  Wrought aluminium alloy  Mrought aluminium alloy  Material houlow bolt  Wrought aluminium alloy	Input electrical connection, mounting type	Snap-in locking
Electrical connection output, connector system  Electrical connection output, number of connections/cores  Cable characteristic  Cable diameter tolerance  ± 0.1 mm  Cable length  Type of mounting  Pneumatic connection, port 1  Pemulatric connection, port 3  For tubing outside diameter of 6 mm For tubing outside diameter of 8 mm  Preumatic connection, port 3  For tubing O.D. 4 mm For tubing O.D. 6 mm Open silencer  Vacuum connection  Cable sheath colour  Material connecting thread  Mote on materials  Material sub-base  Material receiver nozzle  Material filter  Material houlsing  Material houlsin	Electrical connection output, function	Sensor
Electrical connection output, number of connections/cores  Cable characteristic  Cable diameter tolerance  £ 0.1 mm  2.5 m  Type of mounting  Pneumatic connection, port 1  Pneumatic connection, port 3  For tubing outside diameter of 6 mm For tubing outside diameter of 8 mm  Pneumatic connection, port 3  For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  For tubing 0.D. 3 mm For tubing outside diameter of 4 mm For tubing outside diameter of 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  Robert under output and tubing outside diameter of 4 mm For tubing 0.D. 6 mm  Open silencer  Vacuum connection  Robert under output and tubing outside diameter of 4 mm For tubing 0.D. 6 mm  Serve under output and tubing outside diameter of 4 mm For tubing outside diameter of 8 mm  Naterial connection tubing outside diameter of 9 mm For tubing outside diameter of	Electrical connection output, connection type	Cable
Cable characteristic  Cable diameter tolerance  ± 0.1 mm  2.5 m  Type of mounting  Preumatic connection, port 1  Female thread G1/8 For tubing outside diameter of 6 mm For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  For tubing O.D. 3 mm For tubing outside diameter of 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  Cable sheath colour  grey  Material connecting thread  POM  Note on materials  Material sub-base  Material receiver nozzle  Material filter  Material housing  Material houlow bolt  Material houlow bolt  Mrought aluminium alloy	Electrical connection output, connector system	Open end
Cable diameter tolerance ± 0.1 mm  Cable length 2.5 m  Type of mounting With through-hole  Pneumatic connection, port 1 Female thread G1/8 For tubing outside diameter of 6 mm For tubing 0.0.4 mm For tubing 0.0. 4 mm For tubing 0.0. 6 mm Open silencer  Vacuum connection For tubing 0.0. 3 mm For tubing 0.0. 3 mm For tubing 0.0. 6 mm Open silencer  Vacuum connection Robert diameter of 4 mm For tubing 0.0. 6 mm For tubing 0.0. 6 mm Open silencer  Waterial connecting thread POM Note on materials RoHS-compliant Material sub-base Wrought aluminium alloy Material receiver nozzle POM Material filter POM Material housing Material hollow bolt Wrought aluminium alloy Wrought aluminium alloy Material hollow bolt Wrought aluminium alloy	Electrical connection output, number of connections/cores	3
Cable length Type of mounting With through-hole Pneumatic connection, port 1 Female thread G1/8 For tubing outside diameter of 6 mm For tubing outer diameter of 8 mm  Pneumatic connection, port 3 For tubing 0.D. 4 mm For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection For tubing 0.D. 3 mm For tubing 0.D. 6 mm Coble sheath colour grey Material connecting thread POM Note on materials RoHS-compliant Material sub-base Wrought aluminium alloy Material receiver nozzle POM Material filter POM Material housing Material houlow bolt Wrought aluminium alloy Wrought aluminium alloy Material housing Material houlow bolt Wrought aluminium alloy Wrought aluminium alloy	Cable characteristic	Suitable for energy chains
Type of mounting  Pneumatic connection, port 1  Pneumatic connection, port 3  Pneumatic connection, port 3  Pneumatic connection, port 3  For tubing outside diameter of 8 mm  For tubing 0.D. 4 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  For tubing 0.D. 3 mm For tubing 0.D. 3 mm For tubing 0.D. 6 mm Open silencer  Vacuum connection  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 6 mm  For tubing 0.D. 8 mm For tubing 0.D. 6 mm  For tubing 0.D. 8 mm  For tu	Cable diameter tolerance	± 0.1 mm
Pneumatic connection, port 1 Female thread G1/8 For tubing outside diameter of 6 mm For tubing O.D. 4 mm For tubing O.D. 6 mm Open silencer  Vacuum connection For tubing O.D. 3 mm For tubing O.D. 6 mm Open silencer  Vacuum connection For tubing O.D. 6 mm Open silencer  Vacuum connection  Cable sheath colour grey Material connecting thread POM Note on materials RoHS-compliant Material sub-base Wrought aluminium alloy Material receiver nozzle POM Material filter POM Material filter POM Material housing Material hollow bolt Wrought aluminium alloy Mrought aluminium alloy	Cable length	2.5 m
For tubing outside diameter of 6 mm For tubing outer diameter of 8 mm  Pneumatic connection, port 3  For tubing O.D. 4 mm For tubing O.D. 6 mm Open silencer  Vacuum connection  For tubing O.D. 3 mm For tubing O.D. 6 mm Open silencer  Vacuum connection  For tubing O.D. 6 mm For tubing O.D. 6 mm For tubing O.D. 6 mm  For tubing O.D. 6 mm  Rohe tubing O.D. 6 mm  For tubing O.D. 6 mm For tubing O.D. 6 mm  For tubing O.	Type of mounting	With through-hole
For tubing O.D. 6 mm Open silencer  Vacuum connection  For tubing O.D. 3 mm For tubing outside diameter of 4 mm For tubing O.D. 6 mm  Cable sheath colour  grey  Material connecting thread  POM  Note on materials  RoHS-compliant  Material sub-base  Wrought aluminium alloy  Material receiver nozzle  POM  Material filter  POM  Material housing  Material housing  Material hollow bolt  Wrought aluminium alloy  Wrought aluminium alloy  Material housing  Wrought aluminium alloy	Pneumatic connection, port 1	For tubing outside diameter of 6 mm
For tubing outside diameter of 4 mm For tubing O.D. 6 mm  Cable sheath colour grey  Material connecting thread POM  Note on materials RoHS-compliant  Material sub-base Wrought aluminium alloy  Material seals NBR  Material receiver nozzle POM  Material filter POM  Material housing PA-reinforced  Material hollow bolt Wrought aluminium alloy  Wrought aluminium alloy	Pneumatic connection, port 3	For tubing O.D. 6 mm
Material connecting thread POM Note on materials RoHS-compliant Material sub-base Wrought aluminium alloy Material seals NBR Material receiver nozzle POM Material filter POM Material housing PA-reinforced Material hollow bolt Wrought aluminium alloy	Vacuum connection	For tubing outside diameter of 4 mm
Note on materials  Material sub-base  Wrought aluminium alloy  Material seals  Material receiver nozzle  Material filter  POM  Material housing  Material hollow bolt  Mrought aluminium alloy  Wrought aluminium alloy	Cable sheath colour	grey
Material sub-base Wrought aluminium alloy Material seals NBR  Material receiver nozzle POM  Material filter POM  Material housing PA-reinforced  Material hollow bolt Wrought aluminium alloy	Material connecting thread	POM
Material seals  Material receiver nozzle  Material filter  POM  Material housing  PA-reinforced  Material hollow bolt  Wrought aluminium alloy	Note on materials	RoHS-compliant
Material receiver nozzle POM  Material filter POM  Material housing PA-reinforced  Material hollow bolt Wrought aluminium alloy	Material sub-base	Wrought aluminium alloy
Material filter POM Material housing PA-reinforced Material hollow bolt Wrought aluminium alloy	Material seals	NBR
Material housing PA-reinforced  Material hollow bolt Wrought aluminium alloy	Material receiver nozzle	POM
Material hollow bolt Wrought aluminium alloy	Material filter	POM
,	Material housing	PA-reinforced
Material adjusting screw Steel	Material hollow bolt	Wrought aluminium alloy
	Material adjusting screw	Steel

Feature	Value
Material silencer	PA-reinforced
Material screws	Steel
Material transmitter nozzle	Wrought aluminium alloy
Material fitting	Nickel-plated brass