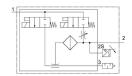
Vacuum generator OVEL-5-H-10-PQ-VQ4-UA-C-A-V1PNLK-H3 Part number: 8049052

FESTO





Data sheet

General operating condition

Feature	Value
Nominal width of Laval nozzle	0.45 mm
Width dimension	10 mm
Muffler construction type	Open
Mounting position	Any
Ejector characteristics	High vacuum Standard
Grade of filtration	40 μm
Manual override	Non-detenting
Integrated function	Electric ejector pulse Flow control Pressure sensor On/off valve, electric Filter Pneumatic muffler open
Structural design	T-shape
Switching element function	N/C contact/N/O contact switchable
Switching function	Freely programmable
Symbol	00995804
Valve function	Closed
Method of measurement	Piezoresistive pressure sensor with display
Display type	LED display 2-digit
Setting options	IO-Link® Teach-in Via display and pushbuttons
Operating pressure for max. suction rate	0.3 MPa
Operating pressure for max. suction rate	3 bar
Operating pressure for max. suction rate	43.5 psi
Operating pressure	0.2 MPa 0.7 MPa
Operating pressure	2 bar 7 bar
Operating pressure	29 psi 101.5 psi
Operating pressure for max. vacuum	0.42 MPa
Operating pressure for max. vacuum	4.2 bar
Operating pressure for max. vacuum	60.9 psi
Max. vacuum	89 %
Nominal operating pressure	0.4 MPa
Nominal operating pressure	4 bar
Nominal operating pressure	58 psi

Max. such with respect to atmosphere Al finite Al supply time at nominal operating pressure with ejector pulse DC operating voltage range DL operating voltage range CETHICATION CONCESSED AS TO SELECT CETHICATION	Feature	Value
De operating voltage range 21.6 V 26.4 V Duty cycle 100% Switching output PMP/NPM switchable Coll characteristics 22 V DC 1.0 W Certification Cull Lus - Listed (DL) KC characters KC Emarking (See declaration of conformity) KC characters KC Emarking (See declaration of conformity) To UK characters KC Emarking (See declaration of conformity) To UK characters KC Emarking (See declaration of conformity) To UK instructions for EMC Operating medium Compressed air as per ISO 9873-12010 [7-6:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2. Moderate corrosions stress LABS (PWIS) conformity VDMA2036-8 B1/B2 L Temperature of medium O ° C 50 ° C Noise level at morninal operating pressure Degree of protection IP40 Ambient temperature O ° C 50 ° C Product weight 7 x g Compressed air See See See See See See See See See Se	Max. suction rate with respect to atmosphere	4 l/min
De operating voltage range 21.6 V 26.4 V Duty cycle 100% Switching output PMP/NPM switchable Coll characteristics 22 V DC 1.0 W Certification Cull Lus - Listed (DL) KC characters KC Emarking (See declaration of conformity) KC characters KC Emarking (See declaration of conformity) To UK characters KC Emarking (See declaration of conformity) To UK characters KC Emarking (See declaration of conformity) To UK instructions for EMC Operating medium Compressed air as per ISO 9873-12010 [7-6:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2. Moderate corrosions stress LABS (PWIS) conformity VDMA2036-8 B1/B2 L Temperature of medium O ° C 50 ° C Noise level at morninal operating pressure Degree of protection IP40 Ambient temperature O ° C 50 ° C Product weight 7 x g Compressed air See See See See See See See See See Se	Air supply time at nominal operating pressure with ejector pulse	2 s
Duty poticle Switching output On Icharacteristics 2 a V DC: 1.0 W Certification Et Liu s- Listed (OL) CE marking (see declaration of conformity) As per EU EMC directive UKCA marking (see declaration of conformity) To Lik instructions for EMC Operating medium Compressed air as per 150 8873-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2 Moderate corrosion stress Corrosion resistance class (CRC) 2 Moderate corrosion stress Corrosion resistance class (CRC) 2 Moderate corrosion stress Corrosion resistance class (CRC) Corrosion resistance corrosion resistance class (CRC) Corrosion resistance cla	DC operating voltage range	21.6 V 26.4 V
Coll characteristics 24 V DC: 1.0 W Certification (C LU as - Listed (OL) K. Characters K. EMC K. Characters K. EMC CE marking (see declaration of conformity) Ap per EU EMC directive LIKCA marking (see declaration of conformity) To Lik instructions for EMC Operating medium Compressed air as per ISO 8573-1;2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2 - Moderate corrosion stens LABS (FWIS) conformity VDMA2/36:6 B3/72 L Temperature of medium Operation with oil lubrication not possible Obsile evel at nominal operating pressure 64 dB(A) Degree of protection IPAO Ambient temperature Operation with temperature Operation operating voltage range Operation with temperature Operation operating voltage range Operation with temperature Operation operation voltage range Operation with temperature Operation operation		100%
Coll characteristics 24 V DC: 1.0 W Certification (C LU as - Listed (OL) K. Characters K. EMC K. Characters K. EMC CE marking (see declaration of conformity) Ap per EU EMC directive LIKCA marking (see declaration of conformity) To Lik instructions for EMC Operating medium Compressed air as per ISO 8573-1;2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2 - Moderate corrosion stens LABS (FWIS) conformity VDMA2/36:6 B3/72 L Temperature of medium Operation with oil lubrication not possible Obsile evel at nominal operating pressure 64 dB(A) Degree of protection IPAO Ambient temperature Operation with temperature Operation operating voltage range Operation with temperature Operation operating voltage range Operation with temperature Operation operation voltage range Operation with temperature Operation operation	Switching output	PNP/NPN switchable
KC characters KC Emarking (See declaration of conformity) As per EU EMC directive LECK marking (See declaration of conformity) To UK instructions for EMC Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (KRC) 2 - Moderate corrosion stress cass (CRC) LAGS (PWIS) conformity VDMA24364 B1/B2-L Temperature of medium O °C 50 °C Noise level at nominal operating pressure 6a dB(A) Degree of protection Ambient temperature O °C 50 °C Product weight 7a 8 De sensor operating voltage range 18 V 30 V Pressure measuring range 19 V 30 V Pressure measuring range 1145 psi 0 psi Electrical connection input, founction Electrical connection input, connection type Electrical connection input, connection type Electrical connection input, connection type Electrical connection or pput, connection technology Electrical connection output, function Sensor Electrical connection output, connection technology Dope and Electrical connection output, connection techn		
KC characters KC Emarking (See declaration of conformity) As per EU EMC directive LECK marking (See declaration of conformity) To UK instructions for EMC Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (KRC) 2 - Moderate corrosion stress cass (CRC) LAGS (PWIS) conformity VDMA24364 B1/B2-L Temperature of medium O °C 50 °C Noise level at nominal operating pressure 6a dB(A) Degree of protection Ambient temperature O °C 50 °C Product weight 7a 8 De sensor operating voltage range 18 V 30 V Pressure measuring range 19 V 30 V Pressure measuring range 1145 psi 0 psi Electrical connection input, founction Electrical connection input, connection type Electrical connection input, connection type Electrical connection input, connection type Electrical connection or pput, connection technology Electrical connection output, function Sensor Electrical connection output, connection technology Dope and Electrical connection output, connection techn	Certification	c UL us - Listed (OL)
UKCA marking (see declaration of conformity) Deperating medium Compressed air as per 150 8573-122010 [7:4::4] Information on operating and pilot media Operation with off lubrication to possible Corrosion resistance class (CRC) 2 - Moderate corrosion stress UMNA2436-61/82-L Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 64 dB(A) Degree of protection Rubo Degree of protection PlPA0 Noise level at nominal operating pressure 64 dB(A) Degree of protection Product weight 74 g Oc	KC characters	
UKCA marking (see declaration of conformity) Deperating medium Compressed air as per 150 8573-122010 [7:4::4] Information on operating and pilot media Operation with off lubrication to possible Corrosion resistance class (CRC) 2 - Moderate corrosion stress UMNA2436-61/82-L Temperature of medium 0 °C50 °C Noise level at nominal operating pressure 64 dB(A) Degree of protection Rubo Degree of protection PlPA0 Noise level at nominal operating pressure 64 dB(A) Degree of protection Product weight 74 g Oc	CE marking (see declaration of conformity)	As per EU EMC directive
Operating medium Operating medium Operating and pilot media Operation with oil lubrication not possible Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 B1/82-L Temperature of medium OPC		
Information on operating and pilot media Corrosion resistance class (CRC) 2. Moderate corrosion stress LABS (PWIS) conformity VDMA2346 81/82-L Temperature of medium 0°C50°C Degree of protection IP40 Ambient temperature 0°C50°C Product weight 74 g DC sensor operating voltage range 18 V30 V Pressure measuring range 0.1 MPa. 0.0 MPa Pressure measuring range 1.15 psi0 psi Electrical connection input, function Electrical connection, input, number of pins/wires Electrical connection output, connection type Electrical connection output, function Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, function Electrical connection output, function Electrical connection output, connection type Electrical connection output, function Electrical connection for pins/wires 2 Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical connection output, output,		Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PMS) conformity VOMA2436-B1/B2-L Temperature of medium 0°C	_ ·	
LABS (PWIS) conformity Temperature of medium O °C 50 °C Noise level at nominal operating pressure 64 dB(A) Degree of protection IP40 Ambient temperature O °C 50 °C Product weight Z 4 g S esnor operating voltage range 18 V 30 V Pressure measuring range O.1 MPa 0 MPa Pressure measuring range 1-bar 0 bar Pressure measuring range 1-bar		
Temperature of medium O °C 50 °C Noise level at nominal operating pressure 6 de dB(A) Degree of protection IP40 Ambient temperature O °C 50 °C Product weight 7 4 g DC sensor operating voltage range 18 V 30 V Pressure measuring range 1-1 bar 0 bar Pressure meas	` '	VDMA24364-B1/B2-L
Noise level at nominal operating pressure Degree of protection PIP40 Ambient temperature O°C5°C Product weight 74 g DC sensor operating voltage range 18 V30 V Pressure measuring range O.1. MPa O MPa Pressure measuring range 1-bar O bar Pressure measuring range 1-tas ps O psi Electrical connection input, function Electrical connection input, connection type Electrical input connection, connection type Electrical input connection, input, number of pins/wires Electrical connection for input, connection type Electrical input connection, input, number of pins/wires Electrical connection output, connection type Electrical connection for input, tonection pattern O0995626 Electrical connection output, connection person to pers	· · · ·	·
Degree of protection Plato Ambient temperature 0°C50°C Product weight 74 g December operating voltage range 18 V30 V Pressure measuring range - 1. bar 0 bar Pressure measuring range Pressure measuring range - 1. bar 0 bar Pressure measuring range - 1. bar 0 bar Pressure measuring range - 1. bar 0 bar Pressure measuring range Pressure measuring range parties of Pressure measuring range parties of Pressure measuring range parties of P		
Ambient temperature 0 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °		* * *
Product weight 74 g DC sensor operating voltage range 18 V 30 V Pressure measuring range - 0.1 MPa 0 MPa Pressure measuring range - 1.1 bar 0 bar Pressure measuring range - 1.1 bar 0 bar Pressure measuring range - 1.4.5 psi 0 psi Electrical connection input, function Electrical connection input, connection type 2x plugs Electrical input connection, connection type 2x plugs Electrical input connection, connection technology Connection diagram H Electrical connection, input, number of pins/wires 2 Electrical connection, input, number of pins/wires 2 Electrical connection, mounting type Snap-locking Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection technology Open end Electrical connection output, connection to technology Open end Electrical connection output, connection technology Open end Electrical connection Open end Electrical connection output, connection technology Open end Electrical connection output, connec		
DC sensor operating voltage range 18 V 30 V Pressure measuring range -0.1 MPa 0 MPa Pressure measuring range -1-1 bar 0 bar 0 bar Pressure measuring range -1-1 bar 0 bar 0 bar Pressure measuring range -1-1 bar 0 bar 0 bar 0 bar Pressure measuring range -1-1 bar 0 bar		
Pressure measuring range Pressure measuring range 1-1 bar 0 bar Pressure measuring range 1-14.5 psi 0 psi Pressure measuring range 1-15 psi 0 psi Pressure measuring range 1-15 psi 0 psi Pressure measuring range 1-14.5 psi 0 psi Pressure measuring ranger 1-14.5 psi 0	<u> </u>	5
Pressure measuring range 1.1 bar 0 bar Pressure measuring range 1.4.5 psi 0 psi Electrical connection input, function Electrical connection input, function Vacuum generator Electrical connection, connection type 2x plugs Electrical input connection, connection technology Connection diagram H Electrical connection, input, number of pins/wires 2 Electrical connection, mounting type Snap-locking Electrical connection, mounting type Snap-locking Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Open end Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter Clerance 2.9 mm Cable diameter tolerance 2.0.1 mm Cable length 0.14 mm² Type of mounting With through-hole Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic cunnection 1 For pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic connection 6 For pneumatic tubing outside diameter 4 mm Pneumatic connection 1 For pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic tubing outside diameter 4 mm For pneumatic tubing outside diameter 4 mm Pneumatic onnection 3 Pneumatic tubing outside diameter 4 mm For pneumatic tubing outside diameter 4 mm Pneumatic onnection 3 Pneumatic tubing outside diameter 4 mm For pneumatic tubing outside diameter 4 mm Robor on materials RohS-compliant Seals material POM Note on materials RohS-compliant Formale nozzle material POM Housing material POM Housing material PoM Pneumatic of cable sheatth		
Pressure measuring range 14.5 psi 0 psi Electrical connection input, function Ejector pulse Vacuum generator Electrical connection input, connection type 2x plugs Electrical input connection, connection technology Connection diagram H Electrical connection input, number of pins/wires 2 Electrical connection for input, connection pattern 00995626 Electrical input connection, mounting type Snap-locking Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Cable Electrical connection output, connection type Open end Electrical connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter tolerance 2.0 n mm Cable diameter tolerance 2.1 n mm Cable diameter tolerance 2.5 m Nominal conductor cross section 0.14 mm² Type of mounting With through-hole for pneumatic tubing outside diameter 4 mm Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic undirection of For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Housing material POM Housing material POM Housing material PA-reinforced Material of cable sheath Housing material POM Housing material PVC		
Electrical connection input, function Electrical connection input, connection type Electrical input connection, connection technology Electrical connection, input, number of pins/wires Electrical connection for input, connection pattern O0995626 Electrical input connection, mounting type Electrical connection output, function Electrical connection output, function Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable Characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter 2.9 mm Cable diameter 0.1 mm Cable diameter 0.1 mm Cable lameter oberance 4.0.1 mm Type of mounting With through-hole Preumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 1 Pneumatic connection 0 For pneumatic muffler open Vacuum connection Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath Material of cable sheath PA-reinforced Material of cable sheath Material of cable sheath PA-reinforced Material of cable sheath PA-reinforced		
Electrical connection input, connection type Electrical connection, connection technology Electrical connection, input, number of pins/wires Electrical connection for input, connection pattern O0995626 Electrical connection mutur, unmber of pins/wires Electrical connection output, connection pattern O0995626 Electrical input connection, mounting type Snap-locking Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter 3.5 m Cable length 2.5 m Nominal conductor cross section 0.14 mm² Type of mounting With through-hole Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic connection 5 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials ROHS-compliant Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PYCC		·
Electrical input connection, connection technology Electrical connection, input, number of pins/wires Electrical connection for input, connection pattern O0995626 Electrical input connection, mounting type Electrical connection output, function Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter tolerance 2.5 m Nominal conductor cross section O.14 mm² Type of mounting With through-hole Pneumatic connection 1 Pneumatic connection 1 Pneumatic connection 1 Pneumatic connection 1 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Compressed air filter material PoM Housing material PoM Material of cable sheath PVC Material of cable sheath PVC Material of cable sheath PVC	Lieunical connection input, function	
Electrical connection, input, number of pins/wires Electrical connection for input, connection pattern O0995626 Electrical input connection, mounting type Snap-locking Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Cable Electrical connection output, connection type Cable characteristic Open end Electrical output connection, number of pins/wires 3 Suitable for energy chains Cable diameter Cable diameter tolerance \$0.1 mm Cable length 2.5 m Nominal conductor cross section O14 mm² Type of mounting With through-hole Pneumatic connection 3 Pneumatic connection 3 Pneumatic unifier open Vacuum connection For pneumatic tubing outside diameter 4 mm Pneumatic connection 5 PoM Material of connecting thread NBR Female nozzle material POM Compressed air filter material PoM Housing material PA-reinforced Material of cable sheath PVC	Electrical connection input, connection type	2x plugs
Electrical connection for input, connection pattern Electrical input connection, mounting type Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter Cable diameter Cable diameter tolerance 4 0.1 mm Cable length 2.5 m Nominal conductor cross section Type of mounting Pheumatic connection 3 Pheumatic connection 3 Pheumatic connection 3 Pheumatic connection 6 For pneumatic tubing outside diameter 4 mm Pheumatic onnection 7 For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread NBR Female nozzle material POM Housing material Material of cable sheath Material of cable sheath PVC	Electrical input connection, connection technology	Connection diagram H
Electrical input connection, mounting type Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter tolerance \$ 0.1 mm Cable length 2.5 m Nominal conductor cross section O.14 mm² Type of mounting With through-hole Pneumatic connection 3 Pneumatic connection 3 Pneumatic connection 3 Pneumatic uniffer open Vacuum connection Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Compressed air filter material POM Housing material Material of cable sheath RoHS-reinforced Material of cable sheath POM Housing material POM Pote Cable sheath POM Pode Material of cable sheath POM Pode Material of cable sheath POM Pode Pode Pode Material of cable sheath POM Pode Pode Pode Material of cable sheath Pode Pode Pode Pode Material of cable sheath Pode Pode Pode Pode Material of cable sheath Pode Po	Electrical connection, input, number of pins/wires	2
Electrical connection output, function Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter tolerance ± 0.1 mm Cable length 2.5 m Nominal conductor cross section O.14 mm² Type of mounting With through-hole Pneumatic connection 3 Pneumatic connection 3 Pneumatic connection 3 Pneumatic connection 1 For pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic unffler open Yacuum connection Color cable sheath Gray Material of connecting thread Note on materials RoHS-compliant Seals material POM Housing material POM Housing material PA-reinforced Material of cable sheath PYC	Electrical connection for input, connection pattern	00995626
Electrical connection output, connection type Electrical connection output, connection technology Open end Electrical output connection, number of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter tolerance ± 0.1 mm Cable length 2.5 m Nominal conductor cross section Nominal conductor cross section Vith through-hole Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material POM Compressed air filter material POM Housing material Material of cable sheath POM Housing material Material of cable sheath POM Housing material PA-reinforced Material of cable sheath PVC	Electrical input connection, mounting type	Snap-locking Snap-locking
Electrical connection output, connection technology Electrical output connection, number of pins/wires Cable characteristic Cable diameter Cable diameter Cable length Cable munting With through-hole for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic muffler open For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Electrical connection output, function	Sensor
Electrical output connection, number of pins/wires Cable characteristic Cable diameter 2.9 mm Cable diameter tolerance 4.0.1 mm Cable length Nominal conductor cross section 7.ype of mounting Pneumatic connection 1 Pneumatic connection 3 Pneumatic connection 3 Pneumatic connection 4 For pneumatic tubing outside diameter 4 mm Pneumatic connection 5 For pneumatic tubing outside diameter 4 mm Pneumatic connection 6 For pneumatic tubing outside diameter 4 mm Pneumatic connection 7 Pneumatic muffler open For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PoM Housing material Material of cable sheath PVC	Electrical connection output, connection type	Cable
Cable characteristic Cable diameter 2.9 mm Cable diameter tolerance ± 0.1 mm Cable length 2.5 m Nominal conductor cross section O.14 mm² Type of mounting Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic connection 4 For pneumatic tubing outside diameter 4 mm Pneumatic connection 5 Vacuum connection 6 For pneumatic tubing outside diameter 4 mm For pneumatic autside diameter 4 mm Pneumatic connection 7 For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material Material of cable sheath PVC	Electrical connection output, connection technology	Open end
Cable diameter Cable diameter tolerance 2.9 mm Cable length 2.5 m Nominal conductor cross section O.14 mm² Type of mounting With through-hole Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RehS-compliant Seals material Female nozzle material POM Compressed air filter material POM Housing material Material of cable sheath POC Material of cable sheath POM Housing material Porc Material of cable sheath POVC	Electrical output connection, number of pins/wires	3
Cable diameter tolerance± 0.1 mmCable length2.5 mNominal conductor cross section0.14 mm²Type of mountingWith through-holePneumatic connection 1for pneumatic tubing outside diameter 4 mmPneumatic connection 3Pneumatic muffler openVacuum connectionFor pneumatic tubing outside diameter 4 mmColor cable sheathGrayMaterial of connecting threadPOMNote on materialsRoHS-compliantSeals materialNBRFemale nozzle materialPOMCompressed air filter materialPOMHousing materialPA-reinforcedMaterial of cable sheathPVC	Cable characteristic	Suitable for energy chains
Cable length Nominal conductor cross section O.14 mm² Type of mounting With through-hole Pneumatic connection 1 For pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material Material of cable sheath PVC	Cable diameter	2.9 mm
Nominal conductor cross section Type of mounting With through-hole Pneumatic connection 1 Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Pneumatic muffler open For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material Material of cable sheath PVC	Cable diameter tolerance	± 0.1 mm
Type of mounting Pneumatic connection 1 Pneumatic connection 3 Pneumatic muffler open Vacuum connection Vacuum connection For pneumatic tubing outside diameter 4 mm Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Cable length	2.5 m
Pneumatic connection 1 for pneumatic tubing outside diameter 4 mm Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Nominal conductor cross section	0.14 mm ²
Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 4 mm Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Type of mounting	With through-hole
Vacuum connectionFor pneumatic tubing outside diameter 4 mmColor cable sheathGrayMaterial of connecting threadPOMNote on materialsRoHS-compliantSeals materialNBRFemale nozzle materialPOMCompressed air filter materialPOMHousing materialPA-reinforcedMaterial of cable sheathPVC	Pneumatic connection 1	for pneumatic tubing outside diameter 4 mm
Color cable sheath Gray Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Pneumatic connection 3	Pneumatic muffler open
Material of connecting thread POM Note on materials RoHS-compliant Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Vacuum connection	For pneumatic tubing outside diameter 4 mm
Note on materials Seals material NBR Female nozzle material POM Compressed air filter material Housing material PA-reinforced Material of cable sheath ROHS-compliant ROHS-compliant POM POM POM PA-reinforced	Color cable sheath	Gray
Seals material NBR Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Material of connecting thread	POM
Female nozzle material POM Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Note on materials	RoHS-compliant
Compressed air filter material POM Housing material PA-reinforced Material of cable sheath PVC	Seals material	NBR
Housing material PA-reinforced Material of cable sheath PVC	Female nozzle material	РОМ
Material of cable sheath PVC	Compressed air filter material	РОМ
	Housing material	PA-reinforced
Material of adjusting screw Steel	Material of cable sheath	PVC
,	Material of adjusting screw	Steel

Feature	Value
Muffler material	PA-reinforced PE
Material of screws	Steel
Material of jet nozzle	Wrought aluminum alloy