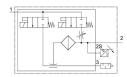
## Vacuum generator OVEL-10-H-15-PQ-VQ6-UA-C-A-B2PNLK-H3 Part number: 8069572

**FESTO** 





## **Data sheet**

General operating condition

Feature	Value
Nominal width of Laval nozzle	0.95 mm
Width dimension	15 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	0.4 MPa
Operating pressure for max. suction rate	4 bar
Operating pressure for max. suction rate	58 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	0.38 MPa
Operating pressure for max. vacuum	3.8 bar
Operating pressure for max. vacuum	55.1 psi
Max. vacuum	92 %
Nominal operating pressure	0.4 MPa
Nominal operating pressure	4 bar
Nominal operating pressure	58 psi

Max. such with respect to atmosphere 21 f. Vinia Air supply time at nominal operating pressure with ejector pulse DC operating voltage range 21.6 V 26.4 V  100% DBy cycle 100% Switching output 100% Coll characteristics 24 V DC: 1.0 W  Certification Cull us - Listed (01) KC characters KC EMC CETTRICATION CETTRICATION As per ULFKG directive ULC us - Listed (01) KC characters KC EMC CE marking (see declaration of conformity) As per ULFKG directive UCC and sing feed declaration of conformity) As per ULFKG directive Company and pulse medium Company and pulse medium Company and pulse media Corrosion resistance class (CRC) 2 Moderate corrosion stress (ALSE PWR) Conformity VDMA2436-64 PLB-CL LIBERPARTURE of medium OPERATOR OPERATOR STATE OF THE MEDIA STATE OF THE MED	Feature	Value
De operating voltage range 21.6 V 26.4 V Duty cycle 100% Switching output 100% PRP/RMR switchable Coll characteristics 22 V DC: 1.0 W Cottlication Compressed air as per ISO 88737-12010 [74-44] Information on operating and pilot media Copratin with oil ubrication not possible Corrosion resistance class (CRC) 2 - Moderate corrosion shress 1ABS (PMS) conformity ViDMA2936-81782-1 Temperature of medium Oo **C.**, 50 **C Cottlication Cottlication Oo **C.**, 50 **C Cottlication Cottlication Oo **C.**, 50 **C Cottlicat	Max. suction rate with respect to atmosphere	21 l/min
De operating voltage range 21.6 V 26.4 V Duty cycle 100% Switching output 100% PRP/RMR switchable Coll characteristics 22 V DC: 1.0 W Cottlication Compressed air as per ISO 88737-12010 [74-44] Information on operating and pilot media Copratin with oil ubrication not possible Corrosion resistance class (CRC) 2 - Moderate corrosion shress 1ABS (PMS) conformity ViDMA2936-81782-1 Temperature of medium Oo **C.**, 50 **C Cottlication Cottlication Oo **C.**, 50 **C Cottlication Cottlication Oo **C.**, 50 **C Cottlicat	Air supply time at nominal operating pressure with ejector pulse	1 s
Switching output  Coli characteristics  Coli characteristics  Coli characteristics  Coli characteristics  Confidation  Cull us-slisted (OU)  KC characteris  KC Emarking (See declaration of conformity)  CE marking (See declaration of conformity)  To UK instructions for EMC  Operating medium  Compressed air as per 150 8873-1:2010 [77-64]  Information on operating and pilot media  Corrosion resistance diass (CRC)  2 - Moderate corrosion stress  CABS (PWIS) conformity  VDMA2364-81/82-1  LABS (PWIS) conformity  PVDMA2364-81/82-1  Imperature of medium  O 2 50 °C  Noise level at nominal operating pressure  68 dB(N)  Degree of protection  IPAD  Marbient temperature  O 3 50 °C  Poduct weight  91 8  Corrosion perating voltage range  18 V 30 V  Pressure measuring range  1- 1 bar 1 bar  Pressure measuring range  1- 1 bar 1 bar  Pressure measuring range  1- 1 4.5 psi 14.5 psi  Electrical connection input, function  Electrical connection input, connection technology  Electrical connection input, connection pattern  O0995626  Electrical connection input, connection pattern  O0995626  Electrical connection input, connection pattern  O0995626  Electrical connection output, connection pattern  O0995626  Electrical connection output, connection pattern  O0995626  Electrical connection input, connection pattern  O0995626  Electrical connection output, connection pattern  O0995626	DC operating voltage range	21.6 V 26.4 V
Coll characteristics	, , , , , , , , , , , , , , , , , , , ,	100%
Coll characteristics	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 (KRO)  2 - Moderate corrosion stress class  LABS (PWIS) conformity  VDMA24364-81/82-L  Temperature of medium  O *C 50 *C  Noise level at nominal operating pressure  88 dBG/Q  Degree of protection  IP40  Ambient temperature  O *C 50 *C  Product weight  91 g  De sensor operating voltage range  18 V 30 Y  Pressure measuring range  O.1 MPa 1. MPa  Pressure measuring range  1 bar 1 bar  Pressure measuring range  1 bar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  2 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  2 tar 1 bar  Pressure measuring range  3 tar 1 bar  Pressure measuring range  4 tar 1 bar  Pressure measuring range  5 tar 1 bar  Pressure measuring range  7 tar 1 bar  Pressure measuring range  9 tar 1 bar  Pressure measuring range  1 tar 1 bar  1 tar		
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 (KRO)  2 - Moderate corrosion stress class  LABS (PWIS) conformity  VDMA24364-81/82-L  Temperature of medium  O *C 50 *C  Noise level at nominal operating pressure  88 dBG/Q  Degree of protection  IP40  Ambient temperature  O *C 50 *C  Product weight  91 g  De sensor operating voltage range  18 V 30 Y  Pressure measuring range  O.1 MPa 1. MPa  Pressure measuring range  1 bar 1 bar  Pressure measuring range  1 bar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  2 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  1 tar 1 bar  Pressure measuring range  2 tar 1 bar  Pressure measuring range  3 tar 1 bar  Pressure measuring range  4 tar 1 bar  Pressure measuring range  5 tar 1 bar  Pressure measuring range  7 tar 1 bar  Pressure measuring range  9 tar 1 bar  Pressure measuring range  1 tar 1 bar  1 tar	Certification	c UL us - Listed (OL)
UKCA marking (see declaration of conformity)  Operating medium  Compressed air as per ISO 8973-1:2010 [7-4:4] Information on operating and pilot media  Operation with oil Lubrication not possible  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  LABS (PMS) conformity  VDMA2364-81/82-L  Temperature of medium  9 °C	KC characters	
UKCA marking (see declaration of conformity)  Operating medium  Compressed air as per ISO 8973-1:2010 [7-4:4] Information on operating and pilot media  Operation with oil Lubrication not possible  Corrosion resistance class (CRC)  2 - Moderate corrosion stress  LABS (PMS) conformity  VDMA2364-81/82-L  Temperature of medium  9 °C	CE marking (see declaration of conformity)	As per EU EMC directive
Operating medium Compressed air as per 150 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 stress  LABS (PWIS) conformity VDMA24364-81/82-L Temperature of medium OPC 50 °C Nokise level at nominal operating pressure Set 86(A) Degree of protection Ambient temperature OPC 50 °C Product weight Product weight OC sensor operating voltage range 18 V 30 V Pressure measuring range OPR 28 V 30 V Pressure measuring range OPR 30 V 40 V		
Information on operating and pilot media Corrosion resistance class (CRC) 2. Moderate corrosion stress  ALBS (PWIS) conformity Pemperature of medium 0°C50°C Pogree of protection IP40 Ambient temperature 0°C50°C Product weight 191 g DC sensor operating range 191 g DC sensor operating range 191 kb01 MPa Pressure measuring range 101 MPa01 MPa Pressure measuring range 102 MPa01 MPa Pressure measuring range 103 MPa01 MPa Pressure measuring range 104 MPa01 MPa Pressure measuring range 105 MPa01 MPa Pressure measuring range 106 MPa01 MPa Pressure measuring range 107 MPa01 MPa Pressure measuring range 108 MPa		Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC)  LABS (PMS) conformity  VDMA2364-81/82-L  Temperature of medium  0 °C50 °C  Noise level at nominal operating pressure  68 dB(A)  Degree of protection  Ambient temperature  0 °C50 °C  Product weight  91 g  CS eenso operating voltage range  18 V30 V  Pressure measuring range  0-1. MPa0.1 MPa  Pressure measuring range  1-1 bar1 bar  Pressure measuring range  1-1 bar1 bar  Pressure measuring range  1-2 bar	<u> </u>	
LABS (PWIS) conformity  Temperature of medium  O °C 50 °C  Noise level at nominal operating pressure  68 dB(A)  Degree of protection  Ambient temperature  O °C 50 °C  Product weight  91 g  C sensor operating voltage range  18 V 30 V  Pressure measuring range  O.1 MPa 0.1 MPa  Pressure measuring range  1-1 bar 1 bar  Pressure measuring range  Electrical connection input, function  Electrical connection input, connection type  Electrical connection input, connection technology  Connection diagram H  Electrical connection, connection technology  Connection diagram H  Electrical connection for input, connection pattern  00995626  Electrical connection output, function  Electrical connection output, connection type  Electrical output connection, number of pins/wires  3  Cable characteristic  Suitable for energy chains  Cable diameter  Cable diameter  Cable diameter  Cable diameter tolerance  Cable di		
Temperature of medium  O °C 50 °C  Noise level at nominal operating pressure  66 dB(A)  Degree of protection  IP40  Ambient temperature  O °C 50 °C  Product weight  DE sensor operating voltage range  18 V 30 V  Pressure measuring range  1-0 1 MPa 0.1 MPa  Pressure measuring range  1-1 bar 1 bar  Pressure measuring range  1-2 bar 1 bar  Pressure measuring range  1-3 bar 1 bar  Pressure measuring range  1-4 psi 1 4.5 psi  Electrical connection input, tunction  Electrical connection input, connection type  Electrical connection input, connection type  Electrical connection, input, unmber of pins/wires  2  Electrical connection output, connection pattern  00995626  Electrical connection output, connection type  Cable  Electrical connection output, connection type  Cable  Electrical connection output, connection type  Cable  Electrical connection output, connection type  Cable diameter  2.9 mm  Cable diameter tolerance  2.9 mm  Cable diameter tolerance  2.9 mm  Cable diameter tolerance  Eable 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 6 mm  Pneumatic connection 3  Pneumatic connection 9  Vacuum connection  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 6  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 9  Vacuum connection  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 9  Vacuum connection 6  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 9  Vacuum connection 6  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 9  Vacuum connection 9  Vacuu	` ` `	
Noise level at nominal operating pressure  Degree of protection  PiPAO  Ambient temperature  O°C50°C  Product weight  DC sensor operating voltage range  18 V30 V  Pressure measuring range  1.0.1 MPa0.1 MPa  Pressure measuring range  1.14.5 psi Electrical connection input, function  Electrical connection input, connection type Electrical input connection, connection type Electrical input connection, connection technology  Connection diagram H  Electrical connection for input, connection type Electrical input connection, input, number of pins/wires  Electrical connection or input, to connection technology  Connection diagram H  Electrical connection for input, connection type  Electrical input connection, mounting type  Electrical connection or by connection type  Electrical connection or put, function  Electrical connection output, connection type  Cable  Electrical connectio		
Degree of protection P40 Ambient temperature 0°C50°C Product weight 91 g December operating voltage range 18 V30 V Pressure measuring range 0.1 MPa0.1 MPa Pressure measuring range 1-1 bar 1 bar 1 bar. Pressure measuring range 1-1 bar 1 bar 1 bar. Pressure measuring range 1-1 bar 1 bar 1 bar. Pressure measuring range 1-1 bar 1 bar 1		
Ambient temperature 0 °C 50 °C Product weight 91 g DC sensor operating voltage range 18 V 30 V Pressure measuring range - 0.1 MPa 0.1 MPa Pressure measuring range - 1.4 S psi 1.4 S psi Electrical connection input, function Electrical connection input, connection type 2x plugs Electrical connection, input, number of pins/wires 2 Electrical connection, input, number of pins/wires 2 Electrical sput connection, mounting type Snap-locking Electrical connection output, connection pattern 00995626 Electrical input connection, mounting type Snap-locking Electrical connection output, connection technology Connection sput open and State of Snap-locking Snap-locking State of Snap-locking State of Snap-locking Snap-lo		N7
Product weight 91 g DC sensor operating voltage range 18 V 30 V Pressure measuring range - 0.1 MPa 0.1 MPa 0.1 MPa Pressure measuring range - 1-15 r 1-15 psi 1-1.5 psi Electrical connection input, function Electror 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, input, number of pins/wires 2 Electrical connection, input, connection pattern 00995626 Electrical 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 33 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable elameter 2.9 mm Cable elameter 2.5 m Nominal conductor cross section 0.14 mm² Type of mounting With through-hole Pneumatic connection 1 Pneu		
DC sensor operating voltage range	·	
Pressure measuring range Pressure measuring range 1-1bar1 bar Pressure measuring range 1-14.5 psi14.5 psi Electrical connection input, function Electrical connection input, connection type Electrical connection, input, number of pins/wires Electrical connection for input, connection type Electrical input 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, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Electrical output connection, mumber of pins/wires 3 Cable characteristic Suitable for energy chains Cable diameter 2.9 mm Cable diameter Cable diameter tolerance 4.0.1 mm 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 6 mm Pneumatic connection 3 Pneumatic connection 3 Pneumatic connection 6 For pneumatic tubing outside diameter 6 mm Pneumatic connection 9 PoM Note on materials RoHS-compliant NBR Female nozele material NBR Female nozele material POM Housing material POM Housing material POM Housing material PA-reinforced Material of cable sheath	<del>-</del>	
Pressure measuring range 1-1 bar 1 bar  Pressure measuring range 1-14.5 psi 14.5 psi  Electrical connection input, function 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, 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 Cable  Electrical connection output, connection type Sultable for energy chains  Cable characteristic Sultable for energy chains  Cable diameter tolerance 2.9 mm  Cable diameter tolerance ±0.1 mm  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 6 mm  Pneumatic connection 3 Pneumatic connection 1  For pneumatic uniting outside diameter 6 mm  Pneumatic connection 3  Vacuum connection Gray  Material of connecting thread NBR  RoHS-compliant  Seals material NBR  Female nozzle material POM  Housing material POM  Housing material PA-reinforced  Material of cable sheath  Material of cable sheath  Housing material POM		
Pressure measuring range 14.5 psi 14.5 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 connection or input, connection pattern 00995626 Electrical connection output, function Sensor Electrical connection output, function Sensor Electrical connection output, connection type Cable Electrical connection output, connection type Open end Electrical connection output, connection type 3 Electrical contection output, connection type 3 Electrical contection output, connection type 40 Electrical contection output, connection type 50 Electrical contection output, connection type 60 Electrical connection output, connection type 70 Electrical connection 1		
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 tolerance  4 0.1 mm  Cable diameter tolerance  4 0.1 mm  Type of mounting  With through-hole  Pneumatic connection 1  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 3  Pneumatic connection 3  Pneumatic unffler open  Yacuum connection  Color cable sheath  Gray  Material of connecting thread  POM  Note on materials  RoHS-compliant  NBR  Female nozzle material  NBR  Female nozzle material  POM  Housing material  PA-reinforced  Material of cable sheath  PA-reinforced  Material of cable sheath  PA-reinforced  Material of cable sheath  Material of cable sheath  PA-reinforced  Material of cable sheath  Material of cable sheath  PA-reinforced		
Vacuum generator		· · ·
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  2.9 mm  Cable length  Nominal conductor cross section  O.14 mm²  Type of mounting  With through-hole  Pneumatic connection 1  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 3  Pneumatic connection 6  For pneumatic tubing outside diameter 6 mm  Color cable sheath  Gray  Material of connecting thread  POM  Note on materials  RoHS-compliant  Female nozzle material  POM  Housing material  PA-reinforced  Material of cable sheath  Material of cable sheath  PYCC	Electrical 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 Output connection, number of pins/wires  3  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 muffler open  Vacuur connection  Color cable sheath  Material of connecting thread  NBR  Female nozzle material  POM  Housing material  PA-reinforced  Material of cable sheath  PA-reinforced  Material of cable sheath  Material of cable sheath  PA-reinforced  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 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  O14 mm²  Type of mounting  With through-hole  Pneumatic connection 1  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 3  Pneumatic connection 6  Pneumatic onnection 9  Vacuum connection 9  Vacuum connection 9  Material of connecting thread  NBR  Female nozzle material  POM  Housing material  Material of cable sheath  Material of cable sheath  Poycc	Electrical input connection, connection technology	Connection diagram H
Electrical input connection, mounting type Electrical connection output, function Electrical connection output, connection type Cable Electrical connection output, connection type Cable 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 tolerance 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 For pneumatic tubing outside diameter 6 mm Pneumatic connection 3 Pneumatic connection 3 Pneumatic onnection 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 PA-reinforced Material of cable sheath Material of cable sheath PA-reinforced Material of cable sheath PVC	Electrical connection, input, number of pins/wires	2
Electrical connection output, function Electrical connection output, connection type Cable 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 6 Color cable sheath Gray Material of connecting thread Note on materials RoHS-compliant Seals material POM Compressed air filter material PA-reinforced Material of cable sheath Material of cable sheath PVC	Electrical connection for input, connection pattern	00995626
Electrical connection output, connection type Electrical connection output, connection technology Dopen 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 Vitype of mounting With through-hole Pneumatic connection 1 For pneumatic tubing outside diameter 6 mm Pneumatic connection 3 Pneumatic uniffer open Vacuum connection For pneumatic tubing outside diameter 6 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 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  3  Cable characteristic  Suitable for energy chains  2.9 mm  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 6 mm  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  Color cable sheath  Gray  Material of connecting thread  Note on materials  Seals material  PoM  Compressed air filter material  Housing material  Material of cable sheath  Material of cable sheath  PoM  Housing material  Material of cable sheath  POM  Material of cable sheath  POM  PA-reinforced  Material of cable sheath  PVC	Electrical connection output, function	Sensor
Electrical output connection, number of pins/wires  Cable characteristic  Cable diameter  Cable diameter  Cable diameter tolerance  £ 0.1 mm  Cable length  Nominal conductor cross section  Type of mounting  Pneumatic connection 1  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 3  Pneumatic connection 4  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 5  Vacuum connection 6  Gray  Material of connecting thread  POM  Note on materials  Seals material  Pom  Compressed air filter material  Pom  Housing material  Material of cable sheath  Pom  Merial of cable sheath  Pom  Pom  Pom  Pom  Pom  Pom  Pom  Po	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 6 mm Pneumatic connection 3 Pneumatic connection 4 For pneumatic tubing outside diameter 6 mm Pneumatic connection 5 Vacuum connection 6 For pneumatic tubing outside diameter 6 mm For pneumatic tubing outside diameter 6 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 PYC	Electrical connection output, connection technology	Open end
Cable diameter Cable diameter tolerance £ 0.1 mm 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 6 mm Pneumatic connection 3 Pneumatic muffler open For pneumatic tubing outside diameter 6 mm Color cable sheath Gray Material of connecting thread POM Note on materials Seals material Female nozzle material POM Compressed air filter material POM Housing material Material of cable sheath POM Housing material POF-reinforced Material of cable sheath POY  Material of cable sheath POM	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 6 mmPneumatic connection 3Pneumatic muffler openVacuum connectionFor pneumatic tubing outside diameter 6 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  7ype of mounting  Pneumatic connection 1  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  Color cable sheath  Material of connecting thread  Note on materials  Seals material  Female nozzle material  Compressed air filter material  Material of cable sheath  Material of cable sheath  PoM  PoM  PoM  PoM  PoM  PoM  PoM  Po	Cable diameter	2.9 mm
Nominal conductor cross section  Type of mounting  With through-hole  Pneumatic connection 1  For pneumatic tubing outside diameter 6 mm  Pneumatic connection 3  Pneumatic muffler open  Vacuum connection  For pneumatic tubing outside diameter 6 mm  For pneumatic muffler open  Vacuum connection  Gray  Material of connecting thread  POM  Note on materials  RoHS-compliant  Seals material  NBR  Female nozzle material  POM  Compressed air filter material  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 6 mm  Pneumatic muffler open  Vacuum connection  For pneumatic tubing outside diameter 6 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 Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 6 mm For pneumatic tubing outside diameter 6 mm  Color cable sheath Gray Material of connecting thread POM Note on materials Reals 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 <sup>2</sup>
Pneumatic connection 3 Pneumatic muffler open Vacuum connection For pneumatic tubing outside diameter 6 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 6 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 6 mm
Color cable sheath  Material of connecting thread  Note on materials  Seals material  Seals material  POM  NBR  Female nozzle material  POM  Compressed air filter material  Housing material  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 6 mm
Note on materials  Seals material  NBR  Female nozzle material  POM  Compressed air filter material  Housing material  PA-reinforced  Material of cable sheath  PVC	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	POM
Material of cable sheath PVC	Compressed air filter material	POM
	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