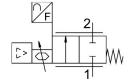
Proportional flow control valve VEMD-L-6-60-200-D9-G14-5YMPM1-VA

FESTO

Part number: 8163825





Data sheet

Degree of protection IP40 Standard nominal flow rate 200 l/min Flow rate control range 4 l/min200 l/min Nom-reversible Nominal operating pressure 0.3 MPa 43.5 psi Operating pressure 0.1 MPa0.6 MPa 1 bar6 bar 0.8 MPa 8 bar 116 psi Burst pressure 1.8 MPa 18 bar 261 psi Accuracy of flow rate 1 to 2.2 way proportional flow control valve 1 to 4 mm 4 cut ation type 1 lectrical pressure 1 lectrical pressure 2 lectrical Prenumatic connection 1 lnternal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen 1 lectroditions 1 lect of outside the more of the conditions 1 lect of outside the more of the conditions 1 lect of outside the more of the conditions 1 lect on outside of use above sea level 1 lect of outside on ASI (> 79,5 kPa)	Feature	Value
Standard nominal flow rate Flow rate control range 4 I/min200 I/min Non-reversible Nominal operating pressure 0.3 MPa 43.5 psi Operating pressure 0.1 MPa0.6 MPa 1 bar6 bar Overload pressure 0.8 MPa 8 bar 116 psi Burst pressure 1.8 MPa 18 bar 261 psi Accuracy of flow rate Accuracy of flow rate value 4 (2.0.5 % o.m.v. + 10.5 % fs) Valve function 2-way proportional flow control valve Nominal width 6 mm Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with of use above sea level < = 2000 m ASL (> 79,5 kPa) Valve on monitor in province in environments enriched with oxygen according to pry Valve above sea level < = 2000 m ASL (> 79,5 kPa)	Size	100
Flow rate control range Flow direction Non-reversible Nominal operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Onerload pressure Operating pressure Operating pressure Onerload Onerlo	Degree of protection	IP40
Flow direction Nominal operating pressure Operating pressure Operating pressure Operating pressure Operating pressure Operating pressure One MPao.6 MPa 1 bar6 bar Operating pressure Operating pressure One MPa 8 bar 116 psi Burst pressure 1.8 MPa 1.8 bar 261 psi Accuracy of flow rate 1.8 MPa 1.8 bar 261 psi 4.0.25 % o.m.v. + 1% FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow control valve Operation accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 1% FS) 4.0.25 % o.m.v. + 1% FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 1% FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 1% FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 1% FS) 1.0.25 % o.m.v. + 1% FS) 1.0.25 % o.m.v. + 0.25 %FS) Accuracy of flow rate value 1.0.25 % o.m.v. + 1% FS) 1.0.25 % o.m.v. + 0.25 % FS) 1.0.25 % o.m.v. + 1% FS) 1.0.	Standard nominal flow rate	200 l/min
Nominal operating pressure O.3 MPa 43.5 psi Operating pressure O.1 MPa0.6 MPa 1 bar6 bar Overload pressure O.8 MPa 8 bar 116 psi Burst pressure 1.8 MPa 18 bar 261 psi Accuracy of flow rate ± (2% o.m.v. + 1% FS) Repetition accuracy of flow rate value ± (0.25 % o.m.v. + 0.25 %FS) Valve function Overload pressure Electrical Pneumatic connection 1 Internal thread G1/4 Pneumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operating with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level	Flow rate control range	4 l/min200 l/min
A3.5 psi Departing pressure O.1 MPa0.6 MPa 1 bar6 bar Overload pressure O.8 MPa 8 bar 116 psi Burst pressure 1.8 MPa 18 bar 261 psi Accuracy of flow rate ± (2% o.m.v. + 1% FS) Repetition accuracy of flow rate value ± (0.25 % o.m.v. + 0.25 %FS) Valve function Owninal width Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level	Flow direction	Non-reversible
1 bar6 bar Overload pressure 0.8 MPa 8 bar 116 psi Burst pressure 1.8 MPa 18 bar 261 psi Accuracy of flow rate ± (2% o.m.v. + 1% FS) Repetition accuracy of flow rate value ± (0.25 % o.m.v. + 0.25 %FS) Valve function 2-way proportional flow control valve Nominal width 6 mm Actuation type Electrical Preumatic connection 1 Internal thread G1/4 Preumatic connection 2 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level = 2000 m ASL (> 79,5 kPa)	Nominal operating pressure	1 15 11 11 11 11 11 11 11 11 11 11 11 11
Burst pressure 1.8 MPa 1.8 bar 261 psi Accuracy of flow rate ± (2% o.m.v. + 1% FS) ± (0.25 % o.m.v. + 0.25 %FS) Valve function 2-way proportional flow control valve Nominal width 4 mm Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level == 2000 m ASL (> 79,5 kPa)	Operating pressure	
18 bar 261 psi Accuracy of flow rate	Overload pressure	8 bar
Repetition accuracy of flow rate value ± (0.25 % o.m.v. + 0.25 %FS) Valve function 2-way proportional flow control valve 6 mm Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Pneumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level = 2000 m ASL (> 79,5 kPa)	Burst pressure	18 bar
Valve function 2-way proportional flow control valve 6 mm Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Pneumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level valve Ambient conditions Operation with oil lubrication not possible Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level <a center-align:="" center<="" href="mailto:a-way proportional flow control valve Cleanest possible ambient air Dry Nominal altitude of use above sea level</td><td>Accuracy of flow rate</td><td>± (2% o.m.v. + 1% FS)</td></tr><tr><td>Nominal width Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Pneumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level <td>Repetition accuracy of flow rate value</td><td>± (0.25 % o.m.v. + 0.25 %FS)</td>	Repetition accuracy of flow rate value	± (0.25 % o.m.v. + 0.25 %FS)
Actuation type Electrical Pneumatic connection 1 Internal thread G1/4 Pneumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level <= 2000 m ASL (> 79,5 kPa)	Valve function	2-way proportional flow control valve
Preumatic connection 1	Nominal width	6 mm
Prieumatic connection 2 Internal thread G1/4 Medium Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level = 2000 m ASL (> 79,5 kPa)	Actuation type	Electrical
Argon Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Information on medium Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level <= 2000 m ASL (> 79,5 kPa)	Pneumatic connection 1	Internal thread G1/4
Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Operation with oil lubrication not possible Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen Nitrogen Operation with oil lubrication not possible Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level	Pneumatic connection 2	Internal thread G1/4
Ambient conditions Not suitable for use in environments enriched with oxygen according to IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level Nominal altitude of use above sea level Nominal altitude of use above sea level	Medium	Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen
IEC 60601-1 Cleanest possible ambient air Dry Nominal altitude of use above sea level <= 2000 m ASL (> 79,5 kPa)	Information on medium	Operation with oil lubrication not possible
	Ambient conditions	IEC 60601-1 Cleanest possible ambient air
Max. installation height 2000 m	Nominal altitude of use above sea level	<= 2000 m ASL (> 79,5 kPa)
	Max. installation height	2000 m

Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Obogen Information on operating and pilot media Operation with oil lubrication not possible Maximum particle size 10 µm Relative air humidity O - 90 % Non-condensing Pressure deve point 1-20 °C Dut ycycle 100% Temperature of medium 5 *C40 °C Storage temperature 5 *C40 °C Storage temperature 1-20 °C, 70 °C Normal operating voltage DC C - 24 Y OC Operating voltage mage 12 V24 V Max. electrical power consumption 8.5 °W Reference value 0 - 10 V 1 - 5 V Moduss® Diagnostic function Display type LED Display type LED Arnolog input signal range 0 - 5 V 0 - 10 V 1 - 20 mA Arnolog rottput signal range 0 - 10 V 1 - 20 mA Arnolog rottput signal range 0 - 10 V 1 - 20 mA Arnolog rottput signal range 0 - 10 V 1 - 20 mA Arnolog rottput signal range 0 - 10 V 1 - 20 mA Arnolog rottput signal range 0 - 5 V 0 - 10 W 1 - 20 mA Arnolog rottput signal range 0 - 10 V 1 - 3 V 2 - 20 mA Arnolog rottput signal range 0 - 5 V 0 - 10 W 1 - 5 V 0 - 10 V 1 -	Feature	Value
Maximum particle size 10 µm	Operating medium	Compressed air as per ISO 8573-1:2010 [5:3:1] Carbon dioxide Oxygen
Non-condensing	Information on operating and pilot media	
Duty cycle 100%	Relative air humidity	· · · · · · · · · · · · · · · · · · ·
Temperature of medium \$ \color{\color	Pressure dew point	-20 ℃
Ambient temperature 5 °C40 °C Storage temperature 2-20 °C70 °C Nominal operating voltage DC DC operating voltage range 12 V24 V Max. electrical power consumption 8.5 W Reference value 4 - 20 mA 0 - 10 V 1 - 5 V Modbus® Diagnostic function Display type LED Analog input signal range 0 - 5 V 0 - 10 V 1 - 5 V Analog output signal range 10 - 10 V 1 - 5 V A - 20 mA Analog nutput signal range 10 - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection Frouduct weight Materials in contact with the media Wrought aluminum alloy, anodized EPDM EPDM PA-reinforced Silicon Silicon intride High-alloy stainless steel Aluminum, anodized PC Note on materials Dimensions W x L x H Type of mounting Mounting position Any Certification Any Certification Certification Certification Conforms to standard KC characters KC EMC CE marking (see declaration of conformity) To UK RNAM Structions of EMC	Duty cycle	100%
Storage temperature 20 °C70 °C Nominal operating voltage DC 24 V Do operating voltage range 12 V24 V 8.5 W Reference value 3.5 W Reference value 3.5 W A. 20 mA 3.10 V 1.5 V Modbuss® Diagnostic function Indication via LED Display type IED Analog input signal range 3.5 V 3.10 V 4.20 mA Analog output signal range 3.10 V 4.20 mA Reverse polarity protection Froduct weight 6.30 g Materials in contact with the media Wought aluminum alloy, anodized FDM FDM FDM FDPM PAr-inforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PAr-inforced Silicon Silicon nitride High-alloy stainless steel Mounting paterial Dimensions W.x.L.x.H 116 mm x.38 mm x.124 mm Direct mounting via through-hole Mounting plate, screwed on On H-rall with accessories Screwed tightly Mounting position Any Certification Certification Certification Certification Certification Certification Reference value 10 V.	Temperature of medium	5 °C40 °C
Nominal operating voltage DC DC operating voltage range 12 V24 V Max. electrical power consumption Reference value 4 - 20 mA 0 - 10 V 1 - 5 V Modbus® Diagnostic function Display type LED Analog input signal range 0 - 5 V 0 - 10 V 1 - 5 V Analog output signal range 0 - 10 V 1 - 5 V Analog output signal range 0 - 10 V 1 - 5 V Analog output signal range 0 - 10 V 1 - 5 V A - 20 mA Analog output signal range 0 - 10 V 1 - 5 V A - 20 mA Reverse polarity protection Fro operating voltage connections Food partial sin contact with the media Epoxy FPM PAreinforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials Dimensions W x L x H 116 mm x 38 mm x 124 mm Direct mounting via through-hole Mounting plate, screwed on On On H-rall with accessories Screwed tight's With through-hole for M4 screw Mounting position Certification Certification Certification Certification Certification (IEC 6101-1) KC Characters KC EMC As per EU EM directive As per EU EM d	Ambient temperature	5 °C40 °C
DC operating voltage range 12 V24 V Max. electrical power consumption 8.5 W Reference value 4.2 D mA 0.10 V 1.5 V Modbus® Diagnostic function Display type LED Analog input signal range 0.5 V 0.10 V 0.2 D mA Analog output signal range 1.5 V 4.20 mA 0.10 V 0.20 mA Analog output signal range 0.10 V 1.5 V 4.20 mA Reverse polarity protection For operating voltage connections Product weight 630 g Materials in contact with the media Wrought aluminum alloy, anodized FPDM EPDM EPDM EPDM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing material Auminum, anodized PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing materials RoHS-compliant Dimensions W x L x H 116 mm x 38 mm x 124 mm Direct mounting via through-hole Mounting pate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification CTick RCM compliance mark CU u s - Listed (U) Conforms to standard EC amarking (see declaration of conformity) To UK RoHS instructions	Storage temperature	-20 °C70 °C
Max. electrical power consumption 8.5 W Reference value 4. 20 mA 0-10 V 1-5 V Modbus® Diagnostic function Indication via LED Display type LED Analog input signal range 0-5 V 0-10 V 0-20 mA Analog output signal range 0-10 V 1-5 V 2-20 mA Analog output protection Reverse polarity protection Froduct weight 630 g Materials in contact with the media Wrought aluminum alloy, anodized FPDM FPDM FPDM FPDM FPDM FPDM FPDM FPDM	Nominal operating voltage DC	24 V
Reference value 4 - 20 mA 0 - 10 V 1 - 5 V Modbus® Diagnostic function Display type LED Analog input signal range 0 - 5 V 0 - 10 V 0 - 20 mA Analog output signal range 0 - 10 V 1 - 5 V 4 - 20 mA Analog output signal range 0 - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection Froduct weight 530 g Materials in contact with the media Wrought aluminum alloy, anodized EppM EppM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced Silicon Silicon nitride PA-reinforced Silicon Silicon thride PA-reinforced PC Note on materials RoHS-compliant Dimensions W x L x H 116 mm x 38 mm x 1 24 mm Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed (light) With through-hole for M4 screw Mounting position C-Tick RCM compliance mark cU Lus - Usted (UL) Conforms to standard EC 61010-1 KC characters EC Emarking (see declaration of conformity) To UK instructions for EMC CU KR OHS instructions To UK instructions for EMC To UK ROHS instructions	DC operating voltage range	12 V24 V
Diagnostic function Indication via LED Diagnostic function Indication via LED Display type LED Analog input signal range 0 - 5 V 0 - 10 V 0 - 20 mA Analog output signal range 0 - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection for operating voltage connections Product weight 630 g Materials in contact with the media Wought aluminum alloy, anodized EPDM EPDM PA-reinforced Silicon Silicon intride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials RoHS-compliant Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-CTick RC MC Cemarking (see declaration of conformity) As per EU EMC directive As per EU BMC directive As per EU BMC directive As per EU BMC instructions for EMC Io UK ROHS instructions	Max. electrical power consumption	8.5 W
Display type Analog input signal range 0 - 10 V 0 - 20 mA Analog output signal range 0 - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection for operating voltage connections Product weight 630 g Materials in contact with the media EPDM PA-reinforced Silicon Silicon ittride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials Dimensions W x L x H 116 mm x 38 mm x 124 mm Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification Certification Conforms to standard EC 61010-1 KC EMC CE marking (see declaration of conformity) A per EU RoN5 dimentions for EMC To UK RoN5 instructions for EMC To UK RoN5 instructions for EMC To UK RoN5 instructions	Reference value	0 - 10 V 1 - 5 V
Analog input signal range 0 - 5 V 0 - 10 V 0 - 20 mA Analog output signal range 0 - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection for operating voltage connections Product weight 630 g Materials in contact with the media EPDM Epoxy FPM PA-reinforced Silicon Silicon Silicon Silicon sitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials RoHS-compliant Dimensions W x L x H 116 mm x 38 mm x 124 mm Type of mounting Mounting pales, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification Conforms to standard KC characters KC EMC CE marking (see declaration of conformity) Like instructions for EMC Like KoHS on EMC Like Instructions for EMC Like Knoth Screwed Like Gereiche As per EU EMC directive Like August 200	Diagnostic function	Indication via LED
O - 10 V O - 20 mA Analog output signal range O - 10 V 1 - 5 V 4 - 20 mA Reverse polarity protection Froduct weight 630 g Materials in contact with the media Wrought aluminum alloy, anodized EPDM Epoxy FPM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized P-C Note on materials RoH5-compliant Dimensions W x L x H 116 mm x 38 mm x 124 mm Type of mounting Mounting plate, screwed on On H-rali with accessories Screwed tightly With through-hole for M4 screw Mounting position Certification Certification Certificates KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU EMC direct	Display type	LED
Reverse polarity protection Reverse polarity protection Froduct weight Gas g Materials in contact with the media Wrought aluminum alloy, anodized EPDM Epoxy Epoxy FPM PA-reinforced Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials Dimensions W x L x H Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Certification Certification Conforms to standard KC EMC CE marking (see declaration of conformity) List of the Market Sincerum App EU EMC directive As per EU EMC directive As per EU RMC instructions for EMC To UK ROHS instructions for EMC To UK ROHS instructions	Analog input signal range	0 - 10 V
Product weight Materials in contact with the media Wrought aluminum alloy, anodized EPDM Epoxy FPM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials RoHS-compliant Dimensions W x L x H 116 mm x 38 mm x 124 mm Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification Crick RCM compliance mark c UL us - Listed (OL) Conforms to standard KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU EMC directive As per EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions	Analog output signal range	1 - 5 V
Materials in contact with the media EPDM EPDX EPDM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Housing material Aluminum, anodized PA-reinforced PC Note on materials RoHS-compliant Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification Conforms to standard EC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) UKCA marking (see declaration of conformity) With nould in the media Wrought aluminum alloy, anodized EPDM EPDX FPM PA-reinforced Silicon Silicon nstainess steel Aluminum, anodized PA-reinforced PC ROHS-compliant PA-reinforced	Reverse polarity protection	for operating voltage connections
EPDM Epoxy PPM PA-reinforced Silicon Silicon nitride High-alloy stainless steel Aluminum, anodized PA-reinforced PC Note on materials RoHS-compliant Dimensions W x L x H 116 mm x 38 mm x 124 mm Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK ROHS instructions for EMC To UK ROHS instructions	Product weight	630 g
PA-reinforced PC Note on materials RoHS-compliant 116 mm x 38 mm x 124 mm Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Materials in contact with the media	EPDM Epoxy FPM PA-reinforced Silicon Silicon nitride
Dimensions W x L x H Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Housing material	PA-reinforced
Type of mounting Direct mounting via through-hole Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Note on materials	RoHS-compliant
Mounting plate, screwed on On H-rail with accessories Screwed tightly With through-hole for M4 screw Mounting position Any Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Dimensions W x L x H	116 mm x 38 mm x 124 mm
Certification C-Tick RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Type of mounting	Mounting plate, screwed on On H-rail with accessories Screwed tightly
RCM compliance mark c UL us - Listed (OL) Conforms to standard IEC 61010-1 KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU ROHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Mounting position	Any
KC characters KC EMC CE marking (see declaration of conformity) As per EU EMC directive As per EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Certification	RCM compliance mark
CE marking (see declaration of conformity) As per EU EMC directive As per EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK ROHS instructions	Conforms to standard	IEC 61010-1
As per EU RoHS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions	KC characters	KC EMC
To UK RoHS instructions	CE marking (see declaration of conformity)	
LABS (PWIS) conformity VDMA24364 zone III	UKCA marking (see declaration of conformity)	
	LABS (PWIS) conformity	VDMA24364 zone III

Feature	Value
Oxygen suitability according to standard	ASTM G 63
	ASTM G 93 ASTM G 94
	CGA G 4.1
	EIGA IGC 33/06/E
	ISO 15001