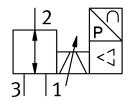
Proportional pressure control valve VPPI-5L-3-G18-0L6H-V1-S1D Part number: 8104665

FESTO





Data sheet

Feature	Value
Nominal width pressurization	5 mm
Exhaust nominal width	5 mm
Actuation type	Electrical
Sealing principle	Soft
Total leakage	5 l/h
Flow direction	Non-reversible
Mounting position	Any
Structural design	Poppet valve with return spring
Short-circuit protection	For all electrical connections
Max. cable length	30 m
Setpoint input	0 - 10 V PWM Digital
Input resistance	100 kOhm
Safety instructions	Safety position VPPI, normally closed
Reverse polarity protection	for all electrical connections
Reset method	Mechanical spring
Dimensions W x L x H	42.2 mm x 95.3 mm x 94.3 mm
Type of control	Direct
Valve function	3-way proportional pressure control valve
Display type	Color TFT
Display size	1.77""
Display resolution	128x160 pixels
Operating pressure	6 bar8 bar
Pressure regulation range MPa	0 MPa0.6 MPa
Pressure regulation range	0 bar6 bar
Inlet pressure 1	0 bar13 bar
Inlet pressure 1 MPa	0 MPa1.3 MPa
Burst pressure	40 bar
Standard nominal flow rate	900 l/min
Standard nominal flow rate 2-3	480 l/min

Nominal current Max. electrical power consumption Max. electrical power consumption Max. electrical power consumption Max. delectrical	Feature	Value
Max. durrent consumption \$25 mA Max. described power consumption \$14.5 W Max. dustrictinal power consumption \$14.5 W Switching output Push pull Asso. output current \$25 mA Assol output signal range 0 - 10 V Mill. load resistance of voitage output 2000 Ohm Precision analog output in 1e %FS 1 %FS Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operating medium Information on operating gene declaration of conformity) RCM compliance mark KC EMC KC EMC CE marking (see declaration of conformity) As per EU RMS directive UKCA marking (see declaration of conformity) IO LIK instructions for EMC To LIK RMS instructions To LIK RMS instructions Vibration resistance Innospert application test with severity level 2 as per FN 942017-4 and file 5068-2-7 Shock test with severity level 2 as per FN 942017-5 and EN 6008-2-7 You Make accorrasion stress Shock test with severity level 2 as per FN 942017-5 and EN 6008-2-7 You Make accorrasion stress Shock test with severity level 2 as per FN 942017-5 and EN 6008-2-6	DC operating voltage range	21.6 V27.6 V
Max. electrical power consumption 14.5 W Nominal operating voltage DC 24.V Push-pull Max. output current 25 mA Analog output signal range 0 - 10 V Min. load resistance of voltage output 2000 Ohm Precision analog output in *9FS 1 RFS 2000 Operating medium Compressed air as per ISO 8573-12010 [7-6:4] inert gas Information on operating and pilot media Operation with oil lubrication not possible Certification KC characters KC EMC CE marking (See declaration of conformity) WCA marking (See declaration of conformity) Work marking to see the See (See (See (See (See (See (See (Se	Nominal current	0.15 A
Nominal appearating voltage DC	Max. current consumption	525 mA
Switching output current Ana. output current Ana. output current Do 10 V Min. load resistance of voltage output Peckision analog output in + MS Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Intert gas Information on operating and pilot media Operation with oil lubrication not possible Certification K.C. barrows K.C. barro	Max. electrical power consumption	14.5 W
Max. output current 25 mA Analog output signal range 0 - 10 V Min. load resistance of voltage output 2000 Ohm Precision analog output in ± %FS 1 %FS Operating medium Compressed air as per ISO 8573 1:2010 [7:44] Information on operating and pilot media Operation with oil lubrication not possible Certification RCM compliance mark KC characters KC EMC CE marking Gee declaration of conformity) As per EU ENGS directive MASS (MIN) Controlled the Conformation of Conformity To LIK instructions for EMC UKCA marking Gee declaration of conformity To LIK instructions for EMC UKA marking Gee declaration of conformity To LIK instructions for EMC UKA marking Gee declaration of conformity To LIK instructions for EMC UKA Marking Gee declaration of conformity To LIK (Row) Conformation for EMC UKA Massing Gee declaration of conformity To LIK (Row) Conformation for EMC Vibration resistance Class (CRC) 2 Moderate corrosion stress Shock test with severity level 2 as per FN 942017 5 and EN 60068 2-2 Corrosion resistance Class (CRC) 2 Moderate corrosion stress LIABS (MIN) Controlling to Final	Nominal operating voltage DC	24 V
Analog output signal range 0 - 10 V Min. load resistance of voitage output 1000 Ohm Precision analog output in a %FS 1 kFS Operating medium Certification RCM compliance mark CE marking gene declaration of conformity) As per ELI BMC directive	Switching output	Push-pull
Min. Load resistance of voltage output Precision analog output in 2 %PS 1 %PS 1 0 Perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Intert gas Information on operating and pilot media Operation with oil lubrication not possible Certification RC M compliance mark KC characters KC EMC CE marking (see declaration of conformity) As per EU Brolfs directive As per EU Brolfs directive UKCA marking (see declaration of conformity) To Lik Rosts instructions Vibration resistance UKCA marking (see declaration of conformity) To Lik Rosts instructions Vibration resistance Shock resistance Transport application test with severity level 2 as per FN 942017-4 and 80 0668-2-6 Shock resistance Sho	Max. output current	25 mA
Precision analog output in * %FS Operating medium Information on operating and pilot media Operation with oil lubrication not possible Certification RCM compliance mark KC characters KC Emarking (see declaration of conformity) As per EU BMC directive UKCA marking (see declaration of conformity) To UK instructions for EMC Of UK Rosh instructions Vibration resistance UKCA marking (see declaration of conformity) The conformity Vibration resistance UKCA marking (see declaration of conformity) The conformity Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance UKCA marking (see declaration of conformity) The conformity Vibration resistance class (CRC) 2 - Moderate corrosion stess Vibration resistance class (CRC) 2 - Moderate corrosion stess Vibration resistance class (CRC) 2 - Moderate corrosion stess Vibration resistance class (CRC) 2 - Moderate corrosion stess Vibration resistance disastery Vibration resistance disastery See supplementary material information O * C50 * C OF C Storage Imperature O * C50 * C OF C Storage Imperature O * C50 * C OF C Storage Imperature OF OF C	Analog output signal range	0 - 10 V
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 Certification RCM compliance mark KC characters KC characters KC emarking (see declaration of conformity) As per EU EMC directive As per EU RMC directive As per EU RMC directive As per EU RMC directive To UK RoHS instructions To UK Instructions for EMC To UK RoHS instructions To UK Instructions for EMC To UK RoHS instructions Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-0. EN 60068-2-0. Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) 2. Moderate corrosion stress as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) 2. Moderate corrosion stress as per FN 942017-5 and EN 60068-2-27 Corrosion resistance for modelium 0.0 *C50 *C Corrosion resistance for modelium for model	Min. load resistance of voltage output	2000 Ohm
Inert gas Information on operating and pilot media Operation with oil lubrication not possible Certification RCM compilance mark KC characters KC Emarking (see declaration of conformity) As per EU EMC directive As per EU BMCI directive As per EU BMCI firective IUKCA marking (see declaration of conformity) To UK instructions for EMC To UK Robis Instructions UK Control on the State of the Windows As per EU BMCI directive As per EU BMCI directive As per EU BMCI directive As per EU BMCI firective IUKCA marking (see declaration of conformity) To UK Robis Instructions UK Robis Instructions To UK Robis Instructions UK Robis Instructions To UK Robis Instruction Instruction test with severity level 2 as per FN 942017-4 and EM 60068-2-27 Corrosion resistance class (CRC) 2- Moderate corrosion stress Labs (PMIS) conformity VDMA20346-48 IT B2-1. See supplementary material information To Posicion Instruction Information To Posicion Instruction To Posicion Instruction To Posicion Information To Posicion Instruction To Posici	Precision analog output in ± %FS	1 %FS
Certification KC characters KC Emarking (see declaration of conformity) As per EU RM directive UKCA marking (see declaration of conformity) To UK instructions for EMC TO UK RMSI instructions Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and RN 60068-2-27 Corrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA2346-84 B1/8-1 For use in the food industry See supplementary material information Pegree of protection IP65 Ambient temperature of medium 0 °C50 °C Degree of protection Ambient temperature 20 °C70 °C Citimatic category 38.3 as per EN 60721 Nominal altitude of use above sea level 4, 3000 m NHN Application note The product view of the industrial purposes only, Radio interference suppression measures may be required in residential areas. Sound power level at a distance of 1 m 51.9 dB(W) Froduct weight 37.0 g Linearity 0.9 %FS Umearity 0.9 %FS Umearity 0.9 %FS Umearity 0.9 %FS Product weight 1.1 %FS Temperature coefficient Clectrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, connection technology Electrical connection 1, ightening torque 1.5 Nm Type of mounting With H-rail Pneumatic connection 1 Fenumatic connection 2 Figure 13/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Operating medium	
KC characters KC Emarking (see declaration of conformity) As per EU EMC directive As per EU RoHS directive As per EU RoHS directive As per EU RoHS directive LWCA marking (see declaration of conformity) Io UK Instructions for EMC Io UK RoHS instructions Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance (Shock resistance) ABS (PWIS) conformity VDMA24364-B1/B2-L For use in the food industry Temperature of medium O **C50**C Degree of protection Ambient temperature O **C50**C Citratic category AS as per EN 60721 Nominal altitude of use above sea level Application note Sound power level G2.5 dB(A) Sound power level at distance of 1 m Product weight Dinactive Product weight Dinactive Degree of Instruction Actual value output Set Sepuple Electrical connection 1, function Electrical connection 1, connection type Plug Electrical connection 1, connection type Plug Electrical connection 1, tightening torque Type of mounting Max. tightening torque of pneumatic fitting Bax. Vision Bax. Vision Bax. Vision Autual value output Set Sepoint input Powers supply Electrical connection 1, connection technology Electrical connection 1, tightening torque 1.5 Nm Preumatic connection 1, tightening torque Preumatic connection 1 (51/8 Preumatic connection 2 Preumatic connection 3 Bax. tightening torque of pneumatic fitting	Information on operating and pilot media	Operation with oil lubrication not possible
Et marking (see declaration of conformity) As per EU EMC directive As as per EN 60721 As as per EN 6	Certification	RCM compliance mark
As per EL Rolls directive UKCA marking (see declaration of conformity)	KC characters	KC EMC
To UK RoHS Instructions	CE marking (see declaration of conformity)	
EN 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-72 Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L For use in the food industry See supplementary material information Temperature of medium 0 °C50 °C Degree of protection IP65 Ambient temperature 1 - 20 °C50 °C Storage temperature 1 - 20 °C70 °C Climatic category 3 / 33 as per EN 60721 Nominal altitude of use above sea level 3 / 300 m NHN Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 5 / 2.5 dB(A) Sound power level at a distance of 1 m 5 / 1.9 dB(A) Product weight 3 / 70 g Linearity 0 / 9 %F5 Hysteresis 0 / 4 %F5 Reproducibility 0 / 4 %F5 Coverall accuracy 1 / 1 %FS Temperature coefficient 0 / 0.02 %/K Electrical connection 1, function Electrical connection 1, function Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Pneumatic connection 3 G / 8 Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting	UKCA marking (see declaration of conformity)	
Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L For use in the food industry See supplementary material information Temperature of medium 0 °C50 °C Begree of protection 1P65 Ambient temperature 2 °C50 °C Storage temperature 2 °C50 °C Storage temperature 3 °C50 °C Storage temperature 4 °C50 °C Storage temperature 5 °C50 °C Storage temperature temperature 5 °C50 °C 5	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B1/B2-L For use in the food industry See supplementary material information 0°C50°C Degree of protection Ambient temperature 0°C50°C Storage temperature -20°C70°C Climatic category SK3 as per EN 60721 Commonical altitude of use above sea level Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level at a distance of 1 m 51.9 dB(A) Product weight 1.70 g 1.1 %FS Reproduct billity 0.4 %FS Reproductibility 0.4 %FS Reproductibility 0.4 %FS Reproductibility 0.4 %FS Reproduction of the conficient Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection technology Electrical connection 1, tonnection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Pneumatic connection 3 Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting See supplementary material information PMC -C50 °C C50 °C C50 °C C70 °C C7	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
For use in the food industry Temperature of medium O °C50 °C Degree of protection IP65 Ambient temperature O °C50 °C Storage temperature 20 °C70 °C Climatic category 3x3 as per EN 60721 Nominal altitude of use above sea level Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level Sound power level 62.5 dB(A) Sound power level 370 g Sound power level 370 g Linearity O.9 %FS Hysteresis O.4 %FS Reproducibility O.4 %FS Temperature coefficient O.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection type Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Fig. 1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium Degree of protection IP65 Ambient temperature O °C50 °C Storage temperature -20 °C70 °C Climatic category Nominal altitude of use above sea level Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %F5 Hysteresis 0.4 %FS Reproducibility 0.4 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Pneumatic connection 3 Max. tightening torque of pneumatic fitting	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Degree of protection IP65 Ambient temperature 0 °C50 °C Storage temperature -20 °C70 °C Climatic category 333 as per EN 60721 Nominal altitude of use above sea level 73000 m NHN Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 6.2.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %F5 Reproductibility 0.4 %F5 Reproducibility 0.4 %F5 Reproducibility 0.4 %F5 Temperature coefficient 0.02 %/K Electrical connection 1, function Setpoint input Power supply Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	For use in the food industry	See supplementary material information
Ambient temperature 0°C50°C Storage temperature -20°C70°C Climatic category 3K3 as per EN 60721 Nominal altitude of use above sea level 3000 m NHN Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Reproducibility 0.4 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection tepnolymies 5 Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Temperature of medium	0 ℃50 ℃
Storage temperature -20 °C70 °C Climatic category 3K3 as per EN 60721 C3000 m NHN Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Reproducibility 0.2 %/K Electrical connection 1, function Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 Fneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	Degree of protection	IP65
Climatic category Nominal altitude of use above sea level Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level Sound power level at a distance of 1 m 51.9 dB(A) Product weight 17.9 dB(A) Product weight 18.7 og 19.9 %FS Reproducibility 19.4 %FS Reproducibility 19.4 %FS Reproducibility 19.2 %K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	Ambient temperature	0 ℃50 ℃
Nominal altitude of use above sea level Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 170 g Linearity 0.9 %FS Reproducibility 0.4 %FS Reproducibility 0.4 %FS Reproducibility 0.4 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	Storage temperature	-20 °C70 °C
Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Overall accuracy 1.1 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Climatic category	3K3 as per EN 60721
suppression measures may be required in residential areas. Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Overall accuracy 1.1 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	Nominal altitude of use above sea level	< 3000 m NHN
Sound power level at a distance of 1 m 51.9 dB(A) Product weight 370 g Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Overall accuracy 1.1 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Actual value output set point input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 8.5 Nm	Application note	
Product weight Linearity 0.9 %FS Hysteresis 0.4 %FS Reproducibility 0.4 %FS Overall accuracy 1.1 %FS Temperature coefficient 0.02 %/K Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting Pneumatic connection 2 Pneumatic connection 2 Fenematic connection 3 Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting Source A SFS O.9 %FS O.9 %FS O.9 %FS O.4 %F	Sound power level	62.5 dB(A)
Linearity O.9 %FS Hysteresis O.4 %FS Reproducibility O.4 %FS Overall accuracy 1.1 %FS Temperature coefficient O.02 %/K Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Sound power level at a distance of 1 m	51.9 dB(A)
Hysteresis Reproducibility O.4 %FS Reproducibility O.4 %FS Overall accuracy 1.1 %FS Temperature coefficient O.02 %/K Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting Pneumatic connection 1 Pneumatic connection 2 Gal/8 Max. tightening torque of pneumatic fitting Max. tightening torque of pneumatic fitting O.4 %FS Av FS O.4 %FS O.4 %FS Av FS Av	Product weight	370 g
Reproducibility O.4 %FS Overall accuracy 1.1 %FS Temperature coefficient O.02 %/K Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting Pneumatic connection 2 Pneumatic connection 3 Max. tightening torque of pneumatic fitting Actual value output Setpoint input Power supply Plug Blug H12x1 A-coded as per EN 61076-2-101 Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm With through-hole for M4 screw With H-rail G1/8 B1/8 B3.5 Nm	Linearity	0.9 %FS
Overall accuracy Temperature coefficient O.02 %/K Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting Pneumatic connection 1 G1/8 Pneumatic connection 3 Max. tightening torque of pneumatic fitting 1.1 %FS Actual value output Setpoint input Power supply M12x1 A-coded as per EN 61076-2-101 S	Hysteresis	0.4 %FS
Temperature coefficient Connection 1, function Connection 1, function Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting Pneumatic connection 1 Gol/8 Pneumatic connection 3 Gol/8 Max. tightening torque of pneumatic fitting O.02 %/K Actual value output Setpoint input Power supply Plug Blug H12x1 A-coded as per EN 61076-2-101 Solomore EN	Reproducibility	0.4 %FS
Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Electrical connection 1, connection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, number of pins/wires 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting Actual value output Setpoint input Power supply Actual value of supply	Overall accuracy	1.1 %FS
Setpoint input Power supply Electrical connection 1, connection type Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting Setpoint input Power supply Electrical connection 1, connection 9 M12x1 A-coded as per EN 61076-2-101 M12x1 A-coded as per EN 61076-2-101 State of 1076-2-101 State of 1076-	Temperature coefficient	0.02 %/K
Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting M12x1 A-coded as per EN 61076-2-101 Silvanian G1/8 G1/8 Silvanian G1/8 Max. tightening torque of pneumatic fitting	Electrical connection 1, function	Setpoint input
Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque 1.5 Nm Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting M12x1 A-coded as per EN 61076-2-101 Silvanian G1/8 G1/8 Silvanian G1/8 Max. tightening torque of pneumatic fitting	Electrical connection 1, connection type	
Electrical connection 1, tightening torque Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 1.5 Nm With through-hole for M4 screw With H-rail G1/8 S1/8 S1/8 S1/8 S5 Nm	Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting With through-hole for M4 screw With H-rail G1/8 8.5 Nm	Electrical connection 1, number of pins/wires	5
With H-rail Pneumatic connection 1 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting With H-rail G1/8 Fine Max. tightening torque of pneumatic fitting With H-rail G1/8 Fine Max. tightening torque of pneumatic fitting	Electrical connection 1, tightening torque	1.5 Nm
Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Type of mounting	
Pneumatic connection 3 G1/8 Max. tightening torque of pneumatic fitting 8.5 Nm	Pneumatic connection 1	G1/8
Max. tightening torque of pneumatic fitting 8.5 Nm	Pneumatic connection 2	G1/8
	Pneumatic connection 3	G1/8
	Max. tightening torque of pneumatic fitting	8.5 Nm
l '	Note on materials	RoHS-compliant

Feature	Value
Housing material	PA-reinforced
Seals material	HNBR PTFE