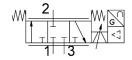
Proportional directional control valve VPWI-5-L-3-G18-12-A4-D Part number: 8167814

FESTO





Data sheet

Feature	Value
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Any
Structural design	Poppet valve with return spring
Reset method	Mechanical spring
Dimensions W x L x H	42.2 mm x 95.3 mm x 94.3 mm
Safety instructions	Safety position VPWI, normally closed
Type of control	Direct
Flow direction	Non-reversible
Nominal width pressurization	5 mm
Exhaust nominal width	5 mm
Total leakage	5 l/h
Display type	Color TFT
Display size	1.77"
Display resolution	128x160 pixels
Valve function	3-way proportional directional control valve
Reverse polarity protection	for all electrical connections
Short-circuit protection	For all electrical connections
Max. cable length	30 m
Setpoint input	4 - 20 mA
Input resistance	0.3 kOhm
Analog output signal range	4 - 20 mA
Max. load resistance of current output	500 Ohm
Precision analog output in ± %FS	1 %FS
Operating pressure	1.2 MPa1.3 MPa 12 bar13 bar
Inlet pressure 1 MPa	0 MPa1.3 MPa
Inlet pressure 1	0 bar13 bar
Inlet pressure 1 psi	0 psi188.5 psi
Burst pressure	4 MPa 40 bar 580 psi

Cyable	Feature	Value
Standard nominal flow rate 2-3 Curl-off Requency 125 Hz	C value	2.1 l/sbar
Out off frequency 125 Hz On switching time 8 ms Mystiching time off 8 ms Hysteresis 0.2 %/K Temperature coefficient 0.02 %/K Mornian loperating voltage DC 24 V DC operating voltage range 21.6 %.7.7 eV Mornian current 0.17 A Max. current consumption 25 mA Max. current consumption 14.5 W CE marking (see declaration of conformity) As per EU RNG directive CE marking (see declaration of conformity) As per EU RNG directive USCA marking (see declaration of conformity) In UK instructions for EMC Certificate issuing authority UL E322366 Operating medium Compressed air as per ISO 8573-12010 [7:4/4] ment gas Information on operating and pilot media Operation with oil lubrication not possible Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and en 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-6 LABS (PWIS) conformity VDMA24/364-81/22-1 Temperature of medium 0°C50 °C Contr	Standard nominal flow rate	490 l/min
Switching time Switching time off Smits Smit	Standard nominal flow rate 2-3	340 l/min
Switching time off 8 ms Hysteresis 0.3%F5 Incepretature coefficient 0.02% K Nominal operating voltage bC 24 V Coperating voltage range 21.6 V27.6 V Nominal current 0.17 A Max. celectrical power consumption 525 mA Certification RCM compliance mark Certification RCM compliance mark UKCA marking (see declaration of conformity) As per ELE RNG directive McCA marking (see declaration of conformity) To LUK Extractions for EMC Certificate issuing authority U.E. 322346 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 Vibration or elistance Transport application test with severity level 2 as per RN 942017-4 and and the severity level 2 as per RN 942017-4 and and severity level 2 as per RN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-6 Corosion resistance floats (IRC) 2 - Moderate corosion stress LABS (PWIS) conformity VDMA243 64-81/82-1 Temperature of medium 0 °C,50 °C <td>Cut-off frequency</td> <td>125 Hz</td>	Cut-off frequency	125 Hz
Hysteresis	On switching time	8 ms
Temperature coefficient Nominal operating voltage DC 2 A V Conparating voltage range 21.6 V	Switching time off	8 ms
Nominal operating voltage DC OC operating voltage range 21.6 V27.6 V Nominal current 0.17 A Max. current consumption S25 mA Max. current consumption RX current curren		0.3 %FS
December of the process of the proce	Temperature coefficient	0.02 %/K
Nominal current Max. current consumption 12.5 M Max. current consumption 14.5 W Certification Certificate issuing (see declaration of conformity) To Living Certificate issuing authority UKCA marking (see declaration of conformity) To Living Certificate issuing authority UKCA marking (see declaration of conformity) UKCA marking (see declaration of conformity) To Living Certificate issuing authority UKCA marking (see declaration of conformity) UKCA marking (see declaration of the special seed of the special seed of	Nominal operating voltage DC	24 V
Max. current consumption 14.5 W Max. electrical power consumption 14.5 W Max. electrical power consumption 14.5 W Certification RCM compliance mark cut us - Listed (OL) Et marking (see declaration of conformity) As per EU EMC directive As per EU RMC directive MCCA marking (see declaration of conformity) To UK instructions for EMC To UK RNB1 structions for EMC To UK RNB1 struction on operating and pilot media	DC operating voltage range	21.6 V27.6 V
Max. electrical power consumption 14.5 W Certification RCM compliance mark Cut us - Listed (OL) CE marking (see declaration of conformity) As per EU BMC directive As per EU BMC directive As per EU BMC directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoHS instructions Certificate issuing authority UE 322346 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 Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-27 Corrosion 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 LBS (PMIS) conformity VDM242346-81/B2-1 Temperature of medium 0 °C50 °C Quantification resistance of protection IP65 Contamination level 2 Ambient temperature 0 °C70 °C Climatic category 3K3 as per EN 60721 Relative air humidity 0 -85 % Non-condensing Nominal aliftude of use above sea level 30.19 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.9 (BGK) Sound power level at a distance of 1 m 31.5 (BGK) Sound power level at a distance of 1 m 31.5 (BGK) Sou	Nominal current	0.17 A
Certification RCM compliance mark cult. us - Listed (O1) CE marking (see declaration of conformity) As per EU BMC directive As per EU BMC directive To UK constructions for EMC Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil Ubdication not possible Transport application test with severity level 2 as per FN 942017-4 and EMC 60068-2-6 Shock resistance Shock resistance Shock resistance class (CRC) 2. Moderate corrosion stress Corrosion resistance class (CRC) 2. Moderate corrosion stress VDMA24364-B1/B2-L Temperature of medium O °C.,50 °C Degree of protection UP65 Contamination level 2. Ambient temperature O °C.,50 °C Storage temperature O °C.,50 °C Cilmatic category 3/3 as per EN 60721 Relative air humidity O °S. S °K Non-condensing Nominal altitude of use above sea level O Sound power level at a distance of 1 m O Splicial in the product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight O Splicial connection 1, function Actual value output Septonic input	Max. current consumption	525 mA
c UL us - Listed (OL) 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 Certificate issuing authority UL 5322346 Operating medium Compressed air as per ISO 8573-1;2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil Ubrication not possible Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-6 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 LABS (PWIS) conformity VDM24/3-64-B1/8/2-1 Temperature of medium 0 °C50 °C Degree of protection Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature -20 °C70 °C Cilmatic category 8/3 as per EM 60721 Relative air humidity 0 -85 % Non-condensing Nominal altitude of use above sea level 4 2000 m NFN Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Sound power level at a di	Max. electrical power consumption	14.5 W
As per EU RORS directive UKCA marking (see declaration of conformity) To UK instructions for EMC To UK RoATS instructions Certificate issuing authority UL \$322346 Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil lubrication not possible Transport application test with severity level 2 as per RN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 as per RN 942017-5 and EN 60068-2-72 (corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 0 °C.,50 °C Degree of protection UP65 Contamination level 2 - Moderate emperature 0 °C.,50 °C Contamination level 2 - Moderate emperature 0 °C.,50 °C Climatic category 3/3 as per EN 60721 Relative air humidity 0 - 85 % Non-condensing Nominal altitude of use above sea level 3 - 300 on NHN Sound power level 3 - 10 dB(A) Application note 1 - 10 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight Repetition accuracy FS 0 - 3 % Repetition accuracy FS 10 - 3 % Repetition accuracy FS 11 - 3 - 3 M Mith through-hole for M4 screw With H-rail Preumatic connection 1, connection 1 Preumatic connection 1 Preumatic connection 1 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3		a sa pasa sa sa
To UK RoHS instructions	CE marking (see declaration of conformity)	'
Operating medium Information on operating and pilot media Operation with oil lubrication not possible Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 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 LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 0 °C50 °C Degree of protection Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature 20 °C50 °C Storage temperature 20 °C50 °C Relative air humidity 0 · 85 % Non-condensing Nominal altitude of use above sea level 3 37 as per EN 60721 Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 10.3 % Repetition accuracy FS 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 Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 61/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	UKCA marking (see declaration of conformity)	
Information on operating and pilot media Operation with oil lubrication not possible Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 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 LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 0 °C50 °C Degree of protection 1P65 Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature 20 °C70 °C Climatic category 3K3 as per EN 60721 Relative air humidity 0 - 85 % Non-condensing Nominal altitude of use above sea level 2.3000 m NHN Sound power level at a distance of 1 m 5.019 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 37.0 g Repetition accuracy FS Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, number of pins/wires 5 Electrical connection 1, tiphening torque 1.5 km Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	Certificate issuing authority	UL E322346
Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 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 LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 0 °C50 °C Degree of protection Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature 1-20 °C70 °C Climatic category 3K3 as per EN 60721 Relative air humidity 0 -85 % Non-condensing Nominal altitude of use above sea level 3000 m NHN Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only, Radio interference suppression measures may be required in residential areas. Product weight Repetition accuracy FS 0.3 % 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, tonection technology M12x1 A-coded as per EN 61076-2-101 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	Operating medium	
EN 60068-2-6 Shock resistance Shock resistance Shock resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-81/B2-L Temperature of medium 0 °C50 °C Degree of protection IP65 Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature 20 °C70 °C Climatic category 3K3 as per EN 60721 Relative air humidity 0 *85 % Non-condensing Nominal altitude of use above sea level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note Product weight 370 g Repetition accuracy FS Electrical connection 1, function Actual Value output Septoint input Power supply Electrical connection 1, connection type Plug Electrical connection 1, connection technology Mith H-rail Pneumatic connection 1 Fneumatic connection 2 Fneumatic connection 2 Fneumatic connection 2 Fneumatic connection 2 Fneumatic connection 3 Fneumatic connection 4 Fneu	Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium O °C50 °C Degree of protection Contamination level Ambient temperature O °C50 °C Storage temperature O °C50 °C Climatic category Storage temperature O ***S** Constantination level Ambient temperature O °C50 °C Climatic category 373 as per EN 60721 Relative air humidity O ***8 **% Nominal altitude of use above sea level < 3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 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 G1/8 Pneumatic connection 3 Cardial value compaction 5 Cardial value output School value value output School value value output School value value value Valu	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium O °C50 °C Degree of protection IP65 Contamination level 2 Ambient temperature O °C50 °C Storage temperature -20 °C70 °C Climatic category Relative air humidity O -85 % Non-condensing Nominal altitude of use above sea level Sound power level Sound power level at a distance of 1 m Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight Repetition accuracy FS Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, number of pins/wires Electrical connection 1, tightening torque Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3 G2 Contamination 1P65 Contamination 1P65 Contamination 1P65 Contamination 1P65 Contamination 1P65 Contamination 2P65 Contamination 2	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Temperature of medium O °C50 °C Degree of protection IP65 Contamination level 2 Ambient temperature O °C50 °C Storage temperature -20 °C70 °C Climatic category Relative air humidity O · · · · · · · · · · · · · · · · · ·	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Degree of protection IP65 Contamination level 2 Ambient temperature O °C50 °C Storage temperature -20 °C70 °C Climatic category Relative air humidity Non-condensing Nominal altitude of use above sea level -3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % Electrical connection 1, function Actual value output Setpoint input Power supply Electrical connection 1, connection type Plug 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 Pneumatic connection 3 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Contamination level 2 Ambient temperature 0 °C50 °C Storage temperature -20 °C70 °C Climatic category 3X3 as per EN 60721 Relative air humidity 0.85 % Non-condensing Nominal altitude of use above sea level <3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	Temperature of medium	0 °C50 °C
Ambient temperature Storage temperature -20 °C70 °C Climatic category Relative air humidity 0 · 85 % Non-condensing Nominal altitude of use above sea level 300 m NHN Sound power level 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 2 G1/8 Pneumatic connection 3 G1/8	Degree of protection	IP65
Storage temperature -20 °C70 °C Climatic category 3K3 as per EN 60721 Relative air humidity 0 - 85 % Non-condensing Nominal altitude of use above sea level <3000 m NHN Sound power level 50 dB(A) Sound power level at a distance of 1 m Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 5 Electrical connection 1, tightening torque 1.5 Nm Type of mounting With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3	Contamination level	2
Climatic category Relative air humidity 0 - 85 % Non-condensing Nominal altitude of use above sea level <3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight Repetition accuracy FS 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 Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	Ambient temperature	0 ℃50 ℃
Relative air humidity O - 85 % Non-condensing Nominal altitude of use above sea level < 3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 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 2 G1/8 Pneumatic connection 3 G1/8	Storage temperature	-20 °C70 °C
Non-condensing Nominal altitude of use above sea level < 3000 m NHN Sound power level 62.5 dB(A) Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 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	Climatic category	3K3 as per EN 60721
Sound power level Sound power level at a distance of 1 m 51.9 dB(A) Application note The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight Repetition accuracy FS 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 Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8 Pneumatic connection 3	Relative air humidity	- ·
Sound power level at a distance of 1 m 51.9 dB(A) The product is suitable for industrial purposes only. Radio interference suppression measures may be required in residential areas. Product weight 370 g Repetition accuracy FS 0.3 % 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 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 G1/8	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. Product weight Repetition accuracy FS O.3 % 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 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 G1/8 Pneumatic connection 3	Sound power level	62.5 dB(A)
suppression measures may be required in residential areas. Product weight Repetition accuracy FS 0.3 % 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 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	Sound power level at a distance of 1 m	51.9 dB(A)
Repetition accuracy 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 Electrical connection 1, tightening torque Type of mounting With through-hole for M4 screw With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 3 G1/8 Fineumatic connection 3 G1/8	Application note	
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 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	Product weight	370 g
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	Repetition accuracy FS	0.3 %
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	Electrical connection 1, function	Setpoint input
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	Electrical connection 1, connection type	Plug
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	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	Electrical connection 1, number of pins/wires	5
With H-rail Pneumatic connection 1 G1/8 Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8	Electrical connection 1, tightening torque	1.5 Nm
Pneumatic connection 2 G1/8 Pneumatic connection 3 G1/8	Type of mounting	
Pneumatic connection 3 G1/8	Pneumatic connection 1	G1/8
	Pneumatic connection 2	G1/8
Max. tightening torque of pneumatic fitting 8.5 Nm	Pneumatic connection 3	G1/8
	Max. tightening torque of pneumatic fitting	8.5 Nm

Feature	Value
For use in the food industry	See supplementary material information
Note on materials	RoHS-compliant
Cover material	PA-reinforced
Seals material	HNBR PTFE
Housing material	PA-reinforced