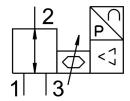
Proportional pressure control valve VEAB-L-26-D7-Q4-V1-1R1 Part number: 8046303

FESTO





Data sheet

Type code VEAB Valve function 3-way proportional pressure control valve Type of control Direct Reset method Mechanical spring Actuation type Electrical Mounting position Any Sealing principle Soft Symbol 00995607 Ambient temperature 0 °C 50 °C Temperature of medium 5 °C 50 °C Storage temperature 20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 psi 4.35 psi Output pressure 2 0.005 bar 1 bar Output pressure 2 0.0072 psi 14.5 psi Output pressure 2 0.0725 psi 14.5 psi Output pressure 2 0.0725 psi 14.5 psi Output pressure 2	Feature	Value
Type of control Direct	Type code	VEAB
Reset method Mechanical spring Actuation type Electrical Mounting position Any Sealing principle Soft Symbol 00995607 Ambient temperature 0 °C 50 °C Temperature of medium 5 °C 50 °C Storage temperature 20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 Qs. 4 Pneumatic connection 2 Qs. 4 Pneumatic connection 3 Qs. 4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 2 by 0 District (Special Control of the pressure 2) 0.05 m 43.5 psi Output pressure 2 0.005 bar 1 bar Output pressure 2 0.075 psi 14.5 psi Standard nominal flow rate 313 /min Standard nominal flow rate 2-3 312 /min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS	Valve function	3-way proportional pressure control valve
Actuation type Electrical Mounting position Any Sealing principle Soft Symbol O0995607 Ambient temperature O° C 50 °C Temperature of medium 5 °C 50 °C Storage temperature -20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 Pneumatic connection 3 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa Inlet pressure 1 Obar 3 bar Inlet pressure 2 Output pressure 3 Standard nominal flow rate 2-3 Linearity error FS O.5 % Repetition accuracy in ± %FS O.25 %FS Temperature coefficient Absolute accuracy in ± %FS O.25 %FS Product weight Operating medium Linearity error FS Oompressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Inert gas	Type of control	Direct
Mounting position Any	Reset method	Mechanical spring
Sealing principle Soft Symbol 00995607 Ambient temperature 0 °C 50 °C Temperature of medium 5 °C 50 °C Storage temperature -20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 bar 3 bar Inlet pressure 1 psi 0 psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Output pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate ≥13 l/min Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute	Actuation type	Electrical
Symbol 00995607 Ambient temperature 0 °C 50 °C Temperature of medium 5 °C 50 °C Storage temperature -20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: with through-hole with accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Output pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate ≈13 l/min Standard nominal flow rate ≈12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [Mounting position	Any
Ambient temperature 0 °C 50 °C Temperature of medium 5 °C 50 °C Storage temperature -20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Pneumatic connection 3 QS-6 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 opsi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate 131 l/min Standard nominal flow rate 2-3 12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Possible Part of Seption 150	Sealing principle	Soft
Temperature of medium 5 ° C 50 ° C Storage temperature 20 ° C 70 ° C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Pneumatic connection 3 Seals material NBR Type of mounting With through-hole With accessories Inlet pressure 1 MPa Inlet pressure 1 psi O bar 3 bar Inlet pressure 2 Output pressure 3 Standard nominal flow rate ≥13 I/min Standard nominal flow rate ≥13 I/min Unearity error FS Q.5 % Repetition accuracy in ± %FS O.25 %FS Temperature coefficient O.05 %/K Absolute accuracy in ± %FS at room temperature Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Symbol	00995607
Storage temperature -20 °C 70 °C Dimensions W x L x H 18 mm x 60.5 mm x 85 mm Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa O MPa 0.3 MPa Inlet pressure 1 psi O bar 3 bar Inlet pressure 1 psi O uptur pressure 2 Output pressure 3 Standard nominal flow rate ≥13 I/min Standard nominal flow rate ≥13 I/min Linearity error FS O.5 % Repetition accuracy in ± %FS O.4 %FS Hysteresis in ± %FS O.25 %FS Temperature coefficient O.05 %/K Absolute accuracy in ± %FS at room temperature O.75 %FS Product weight Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Ambient temperature	0 °C 50 °C
Dimensions W x L x H Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Pneumatic connection 3 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting With through-hole with accessories Inlet pressure 1 MPa Inlet pressure 1 Inlet pressure 1 psi Opin 43.5 psi Output pressure 2 Output pressure 3 Standard nominal flow rate 13 I/min Standard nominal flow rate 2-3 Linearity error FS Repetition accuracy in ± %FS Output pressure 1 Output pressure 2 Output pressure 2 Output pressure 2 Output pressure 3 Standard nominal flow rate 2-3 Linearity error FS Output pressure 3 Output pressure 3 Output pressure 3 Standard nominal flow rate 2-3 Linearity error FS Output pressure 3 Output pressure 3 Output pressure 4 Output pressure 5 Output pressure 5 Output pressure 6 Output pressure 7 Output pressure 9 Output press	Temperature of medium	5 °C 50 °C
Pneumatic connection 1 QS-4 Pneumatic connection 2 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate 2-3 121 //min Linearity error FS 0.5 % Repetition accuracy in ± %FS 1 0.25 %FS Temperature coefficient 0.75 %FS Product weight Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Storage temperature	-20 °C 70 °C
Pneumatic connection 2 Pneumatic connection 3 QS-4 Pneumatic connection 3 QS-4 Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa O MPa 0.3 MPa Inlet pressure 1 O bar 3 bar Inlet pressure 1 psi O psi 43.5 psi Output pressure 2 S.OE-4 MPa 0.1 MPa Outlet pressure 2 O.0725 psi 14.5 psi Standard nominal flow rate Standard nominal flow rate Standard nominal flow rate 2-3 Linearity error FS Repetition accuracy in ± %FS Hysteresis in ± %FS Temperature coefficient Operating medium Operating medium Operating medium Operating medium Optionally: With through-hole With accessories Optionally: With through-hole With accuracy in 2 Optionally: With through-hole With accuracy in 2 bar Optionally: Optionally: With through-hole With accuracy in 2 bar Optionally: Optionally	Dimensions W x L x H	18 mm x 60.5 mm x 85 mm
Pneumatic connection 3 QS-4 Seals material Type of mounting Doptionally: With through-hole With accessories Inlet pressure 1 MPa O MPa 0.3 MPa Inlet pressure 1 psi O bar 3 bar Inlet pressure 2 Output pressure 3 Output pressure 3 Output pressure 4 Output press	Pneumatic connection 1	QS-4
Seals material NBR Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 psi 0 bar 3 bar Inlet pressure 1 psi 0 psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate ≥13 l/min Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Pneumatic connection 2	QS-4
Type of mounting Optionally: With through-hole With accessories Inlet pressure 1 MPa O MPa 0.3 MPa Inlet pressure 1 psi Opsi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate Standard nominal flow rate Standard nominal flow rate 2-3 Linearity error FS O.5 % Repetition accuracy in ± %FS Temperature coefficient Absolute accuracy in ± %FS at room temperature Operating medium Optionally: With through-hole With accessories O MPa 0.3 MPa Opsi 43.5 psi S.0E-4 MPa 0.1 MPa O.005 bar 1 bar O.005 bar 1 bar O.0725 psi 14.5 psi \$12 l/min \$12 l/min \$13 l/min \$13 l/min \$14 l/min \$15 l/min \$15 l/min \$15 l/min \$16 l/min \$17 l/min \$17 l/min \$18 l/min \$18 l/min \$18 l/min \$19 l/min \$10 l/min \$10 l/min \$10 l/min \$11 l/min \$11 l/min \$11 l/min \$12 l/min \$13 l/min \$14 l/min \$15 l/min \$15 l/min \$16 l/min \$17 l/min \$17 l/min \$18 l/mi	Pneumatic connection 3	QS-4
With through-hole With accessories Inlet pressure 1 MPa 0 MPa 0.3 MPa Inlet pressure 1 0 bar 3 bar Inlet pressure 1 psi 0 psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate ≥13 l/min Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Seals material	NBR
Inlet pressure 1 Inlet pressure 1 psi O psi 43.5 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 O.005 bar 1 bar Output pressure 2 O.0725 psi 14.5 psi Standard nominal flow rate \$\frac{2}{3}	Type of mounting	With through-hole
Inlet pressure 1 psi Output pressure 2 5.0E-4 MPa 0.1 MPa Outlet pressure 2 0.005 bar 1 bar Output pressure 2 0.0725 psi 14.5 psi Standard nominal flow rate ≥13 l/min Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Inlet pressure 1 MPa	0 MPa 0.3 MPa
Output pressure 2 Outlet pressure 2 Output pressu	Inlet pressure 1	0 bar 3 bar
Outlet pressure 2 Output press	Inlet pressure 1 psi	0 psi 43.5 psi
Output pressure 2 In I I I I I I I I I I I I I I I I I I	Output pressure 2	5.0E-4 MPa 0.1 MPa
Standard nominal flow rate ≥13 l/min Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Outlet pressure 2	0.005 bar 1 bar
Standard nominal flow rate 2-3 ≥12 l/min Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Output pressure 2	0.0725 psi 14.5 psi
Linearity error FS 0.5 % Repetition accuracy in ± %FS 0.4 %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Standard nominal flow rate	≥13 l/min
Repetition accuracy in ± %FS Hysteresis in ± %FS 0.25 %FS Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Standard nominal flow rate 2-3	≥12 l/min
Hysteresis in ± %FS Temperature coefficient Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Linearity error FS	0.5 %
Temperature coefficient 0.05 %/K Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Repetition accuracy in ± %FS	0.4 %FS
Absolute accuracy in ± %FS at room temperature 0.75 %FS Product weight 70 g Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Hysteresis in ± %FS	0.25 %FS
Product weight 70 g Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Temperature coefficient	0.05 %/K
Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas	Absolute accuracy in ± %FS at room temperature	0.75 %FS
Inert gas	Product weight	70 g
	Operating medium	
Information on operating and pilot media	Information on operating and pilot media	Operation with oil lubrication not possible

Feature	Value
Degree of protection	IP65
Certification	RCM compliance mark
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	RoHS-compliant
LABS conformity	VDMA24364 zone III
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
DC operating voltage range	19 V 29 V
Nominal operating voltage DC	24 V
Residual ripple	10 %
Reference value	0 - 10 V
Analog output signal range	0 - 10 V
Precision analog output in ± %FS	2 %FS
Max. electrical power consumption	1 W
Reverse polarity protection	for all electrical connections
Short-circuit protection	For all electrical connections
Safety instructions	VEAA/VEAB safety position: if the electrical power supply is lost, the outlet pressure is maintained in uncontrolled form, it may increase or fall – pneumatic valve blocked.
Display type	LED
Electrical connection	4-pin M8x1 Plug as per EN 60947-5-2
Housing material	PA-reinforced