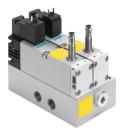
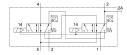
Control block VOFA-L26-T52-M-G14-1C1-ANP Part number: 569820

FESTO





Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Electrical
Width	65 mm
Standard nominal flow rate	950 l/min
Pneumatic working port	G1/4
Operating voltage	24V DC
Operating pressure	0.3 MPa1 MPa 3 bar10 bar 43.5 psi145 psi
Structural design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65 NEMA 4
Certification	c UL us - Recognized (OL)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive as per EU machinery directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK instructions for machines
Certificate issuing authority	UL MH19482
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	EN 60947-5-2
Manual override	None
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Measuring principle	Inductive
Lap	Overlap
Sensor reverse polarity protection	For all electrical connections
Safety function	Tamper protection, protection against unexpected start-up Reversing a movement

Performance Level (PL) Protection against manipulation, protection against anexpected start-up/up to category A, performance level e Reventing a movement/up to category A, performance level e Sentition of the protection against unexpected start-up/up to category A, performance level e Sentition of the protection o	Feature	Value
Selection forced dynamization Switching frequency at least once a week	Performance Level (PL)	up/up to category 4, performance level e
Sensor witching position sensing Normal position with sensor	Note on forced dynamization	-
Switching position sensing Sensor switching status indication IED Intersestive MPa O.3 MPa1 MPa Pilot pressure MPa Pilot pressure MPa Statishifty for vacuum Switching time off Sensor Switching time off Duty cycle 100% Max. positive test pulse with 0 signal 100% Max. positive test pulse on 1 signal Switching output NPN Coll characteristics 22 v DC 1.8 W Permissible voltage fluctuations Jessifiching output NPN Coll characteristics 22 v DC 1.8 W Permissible voltage fluctuations Jessifiching output NPN Coll characteristics A Department of the swith oil further use) Vibration on operating and pilot media Department on perating and pilot media Department of the swith severity level 2 as per FN 942017-4 and exholes 2-27 Corresion resistance Shock resistance Shock resistance Shock resistance field Axia magnetic interference field Axia magnetic interference field Protection against direct and indirect contact Protection against direct and indirect contact Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Soise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-12010 [7:4:4] Noise level Protection against direct and indirect contact Pilot medium Compressed air as per ISO	·	, , , , , , , , , , , , , , , , , , ,
Sensor switching status indication LED		Normal position with sensor
Pilot pressure MPa		·
Solitability for vacuum		0.3 MPa1 MPa
Suitability for vacuum Soutching time of 56 ms On switching time Pneumatic valve - sensor Switching time Pneumatic valve - sensor Switching time Pneumatic valve - sensor Switching time of 11 ms Pneumatic valve - sensor switching time off 11 ms Duty cycle 100% Max. positive test pulse with 0 signal 1000 µs Max. positive test pulse with 0 signal 1000 µs Max. apastive test pulse on 1 signal 800 µs Switching output NPN Coil characteristics 24 V Dc. 1.8 W Permissible voltage fluctuations 115 % / 10 % Operation medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media 0peration with oil lubrication possible (required for further use) Vibration resistance Transport application tests with severity level 2 as per RN 942017-4 and RN 60068-2-6 Shock resistance Shock test with severity level 2 as per RN 942017-5 and EN 60068-2-2 Corrosion resistance fled Transport application test with severity level 2 as per RN 942017-5 and EN 60068-2-2 Corrosion resistance fled Operation medium The several problem of the several pro	·	
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Sensor max. switching frequency Sensor residual ripple ± 10 % Sensor voltage drop Electrical connection Form C as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Sensor idle current	10 mA
Sensor residual ripple ± 10 % Sensor voltage drop 2 V Electrical connection Form C	Max. output current, sensor	200 mA
Sensor voltage drop Electrical connection Form C as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4		5000 Hz
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as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Sensor voltage drop	2 V
3-pin M8x1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Electrical connection	as per EN 175301-803
Pressure gauge connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Sensor connection	3-pin
Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Type of mounting	With through-hole
Pneumatic connection 2 G½ Pneumatic connection 3 G1/4	Pressure gauge connection	G1/4
Pneumatic connection 3 G1/4	Pneumatic connection 1	G1/4
	Pneumatic connection 2	G ¹ / ₄
Pneumatic connection 4 G1/4	Pneumatic connection 3	G1/4
	Pneumatic connection 4	G1/4

Feature	Value
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	FPM HNBR NBR
Housing material	Die-cast aluminum PA
Material of screws	Steel, galvanized
Switching element function	N/C contact