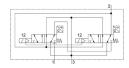
## Control block VOFA-L26-T32C-M-G14-1C1-APP

**FESTO** 

Part number: 574011





## General operating condition

Data sheet			

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Width	65 mm
Standard nominal flow rate	1050 l/min
Pneumatic working port	G1/4
Operating voltage	24V DC
Operating pressure	0.3 MPa 1 MPa
Operating pressure	3 bar 10 bar
Operating pressure	43.5 psi 145 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
Symbol	00997336
Measuring principle	Inductive
Lap	Overlap
Sensor reverse polarity protection	For all electrical connections
Safety function	Exhausting Tamper protection, protection against unexpected start-up
Performance Level (PL)	Exhaust/up to category 4, performance level e Protection against manipulation, protection against unexpected start- up/up to category 4, performance level e

Switching position sensing       Normal position with sensor         Sensor switching status indication       LED         Pilot pressure MPa       0.3 MPa 1 MPa         Pilot pressure       3 bar 10 bar         Suitability for vacuum       no         Standard flow rate exhaust 6→0 bar       2650 l/min         Standard flow rate exhaust 6→0 bar in the event of a fault       1050 l/min         Switching time off       54 ms         On switching time       24 ms         Pneumatic valve - sensor ON switching time       58 ms         Pneumatic valve - sensor switching time off       11 ms         Duty cycle       100%         Max. positive test pulse with 0 signal       800 μs         Switching output       PNP         Coil characteristics       24 V Dc: 1.8 W         Permissible voltage fluctuations       -15 % / +10 %         Operating medium       Compressed air as per ISO 8573-1:2010 [7:4:4]         Information on operating and pilot media       Operation with oil lubrication possible (required for further use)         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)       O -	Feature	Value		
Sensor switching spatial sensing   Normal position with sensor	Note on forced dynamization	Switching frequency at least once a week		
Sensor switching status indication	Signal status display	With accessories		
Pilot pressure MPa	Switching position sensing	Normal position with sensor		
Pilot pressure   3 bar 10 bar	Sensor switching status indication	LED		
Suitability for vacuum Sandard flow rate exhaust 6 - 0 bar in the event of a fault Solicity time Solicity time off Son switching time off Son switching time Solicity time off Son switching time Solicity time off Son switching time Solicity	Pilot pressure MPa	0.3 MPa 1 MPa		
Standard flow rate exhaust 6 - 0 Dar in the event of a fault   1050 l/min   1050	Pilot pressure	3 bar 10 bar		
Standard flow rate exhaust 6 × 0 bar in the event of a fault  Switching time of 54 ms  On switching time 124 ms  Pneumatic valve - sensor Switching time 9	Suitability for vacuum	no		
Switching time off On switching time 2	Standard flow rate exhaust 6-> 0 bar	2650 l/min		
On switching time         24 ms           Pneumatic valve - sensor ON switching time         58 ms           Pneumatic valve - sensor switching time off         11 ms           Duty cycle         100%           Max. postitive test pulse with 0 signal         1000 µs           Max. negative test pulse on 1 signal         800 µs           Switching output         PNP           Coll characteristics         24 V Dc: 1.8 W           Permissible voltage fluctuations         -15 % / ±10 %           Operating medium         Compressed air as per ISO 8573-1:2010 [7:4:4]           Information on operating and pilot media         Operation with oil lubrication possible (required for further use)           Vibration resistance         Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2.27           Shock resistance         Shock test with severity level 2 as per FN 942017-5 and EN 60068-2.27           Corrosion resistance class (CRC)         0 - No corrosion stress           Shock resistance class (CRC)         0 - No corrosion stress           LABS (PWIS) conformity         VDMA24364-51/B2-L           Max. magnetic interference field         60 mT           Temperature of medium         .5 °C 50 °C           Nosice level         85 dB(A)           Protection against direct and indirect contact         PEI	Standard flow rate exhaust 6 -> 0 bar in the event of a fault	1050 l/min		
Pneumatic valve - sensor ON switching time         58 ms           Pneumatic valve - sensor switching time off         11 ms           Unit y cycle         100%           Max. positive test pulse with 0 signal         1000 μs           Max. negative test pulse on 1 signal         800 μs           Switching output         PMP           Coll characteristics         24 V DC: 1.8 W           Permissible voltage fluctuations         -15 % / +10 %           Operating medium         Compressed air as per ISO 8573-1:2010 [7-4:4]           Information on operating and pilot media         Operation with oil lubrication possible (required for further use)           Vibration resistance         Transport application test with severity level 2 as per FN 942017-4 and EN 600682-2.6           Shock resistance         Shock test with severity level 2 as per FN 942017-5 and EN 600682-2.7           Corrosion resistance class (CRC)         0 - No corrosion stress           Aboka Plaze L         9 volume and properties of the severity level 2 as per FN 942017-5 and EN 60068-2-27           Corrosion resistance class (CRC)         0 - No corrosion stress           Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27           Corrosion resistance class (CRC)         0 - No corrosion stress           Max magnetic interference field         60 mT           Temperature of medium	Switching time off	54 ms		
Pneumatic valve - sensor switching time off         11 ms           Duty cycle         100%           Max. positive test pulse with 0 signal         1000 µs           Max. negative test pulse on 1 signal         800 µs           Switching output         PMP           Coll characteristics         24 V DC: 1.8 W           Permissible voltage fluctuations         -15 % / +10 %           Operating medium         Compressed air as per ISO 8573-1:2010 [7:4:4]           Information on operating and pilot media         Operation with oil lubrication possible (required for further use)           Vibration resistance         Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-26           Shock resistance         Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27           Corrosion resistance class (CRC)         0 - No corrosion stress           Corrosion resistance class (CRC)         0 - No corrosion stress           Corrosion resistance class (CRC)         0 - No corrosion stress           Corrosion resistance class (CRC)         0 - No corrosion stress           Corrosion resistance class (CRC)         0 - No corrosion stress           Corrosion resistance class (CRC)         0 - No corrosion stress           LABS (PWIS) conformity         VDMA24364-B1/B2-L           Max.         Defended the properation of medium <td>On switching time</td> <td>24 ms</td>	On switching time	24 ms		
Duty cycle  Max. positive test pulse with 0 signal  Max. negative test pulse on 1 signal  Switching output  PNP  Coll characteristics  24 V DC: 1.8 W  Permissible voltage fluctuations  Operating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-2  Shock resistance  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Corrosion resistance class (CRC)  O - No corrosion stress  LABS (PWIS) conformity  WDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  5-9°C 50°C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV  Protection against direct and indirect contact  PELV  Protection against direct and indirect contact  PELV  Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  5-5°°C 50°°C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Pulsed  Sensor switching frequency  Sensor residual ripple  10 %  Sensor romection  Plug  3-pin  Max.  With through-hole  Pheumatic connection 1  Pheumatic connection 2  644  Pneumatic connection 3  G1/4  Pneumatic connection 3	Pneumatic valve - sensor ON switching time	58 ms		
Max. positive test pulse with 0 signal 800 µs  Max. negative test pulse on 1 signal 800 µs  Witching output PNP  Coil characteristics 24 V DC: 1.8 W  Permissible voltage fluctuations -15 % / +10 %  Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media Operation with oil lubrication possible (equired for further use)  Vibration resistance Irrasport 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 60068-2-7  Corrosion nesistance class (CRC) 0 No corrosion stress  UMA24364-B1/B2-L  Max. magnetic interference field 60 mT  Temperature of medium -5°C 50 °C  Noise level 85 dB(A)  Protection against direct and indirect contact PILV  Protection against direct and indirect contact PILV  Protection against direct and indirect contact PILV  Protection gainst direct and indirect contact PILV  Protection gainst direct and indirect contact PILV  Protection class as per EN 60950/IEC 950  Nominal altitude of use above sea level 1000 m as per VDE 0580  Product weight 1134 g  DC sensor operating voltage range 10 V 30 V  Sensor short circuit protection Pulsed  Sensor short circuit protection 40 Pulsed  Sensor short circuit protection 40 Pulsed  Sensor residual ripple 10 Max. output current, sensor 200 mA  Sensor residual ripple 10 %  Sensor residual ripple 10 %  Sensor residual ripple 10 %  Sensor rotaction Plug 17 % 3 pin Max. 1 Mount Pleound Connection Plug Mithout PE conductor  Sensor official connection Plug Mithout PE conductor  Plug 3 pin Max. 1  Type of mounting With through-hole Pneumatic connection 1	Pneumatic valve - sensor switching time off	11 ms		
Max. negative test pulse on 1 signal   800 µs	Duty cycle	100%		
Switching output  Coil characteristics  24 V DC: 1.8 W  Permissible voltage fluctuations  Operating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  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)  O - No corrosion stress  LABS (PWIS) conformity  VDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV  Protection against direct and indirect contact  Protection against direct and indirect contact  PELV  Protection as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Max. output current, sensor  Sensor idle current  410 mA  Max. output current, sensor  Sensor as witching frequency  Sensor residual ripple  1 10 %  Sensor romax. switching frequency  Sensor or max. switching frequency  Sensor or connection  Form C  as per EN 175301-803  Without PE conductor  Sensor or mounting  Preumatic connection 1  Form C  as per EN 175301-803  With through-hole  Preumatic connection 3  Gl/4  Preumatic connec	Max. positive test pulse with 0 signal	1000 μs		
Coil characteristics	Max. negative test pulse on 1 signal	800 μs		
Permissible voltage fluctuations Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Irransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance class (CRC) O - No corrosion stress Corrosion resistance class (CRC)  LABS (PWIS) conformity VDMA24364-B1/B2-L  Max. magnetic interference field 60 mT Temperature of medium -5°C50°C Noise level Protection against direct and indirect contact PELV Protection sper ISO 8573-1:2010 [7:4:4] Ambient temperature -5°C50°C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1134 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Sensor idle current 4:10 mA Max. output current, sensor 200 mA Sensor max. switching frequency Sensor max. switching frequency Sensor max. switching frequency Sensor romax. Sensor max. switching frequency Sensor romax. Sensor connection Pulse Sensor connection Form C as per EN 175301-803 Without PE conductor Sensor connection Pulse of mounting With through-hole Pneumatic connection 1 GI/4 Pneumatic connection 3 GI/4 Pneumatic connection 3 GI/4	Switching output	PNP		
Operating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  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)  O - No corrosion stress  LABS (PWIS) conformity  WDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5°C50°C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV  Protection against direct and indirect contact  PELV  Protection against direct and indirect contact  Ompressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5°C50°C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  DC sensor operating voltage range  10 V30 V  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Sensor subjectivent, sensor  200 mA  Sensor max. witching frequency  Sensor residual ripple  110 %  Sensor rosidual ripple  110 %  Sensor connection  Pulse  Sensor connection  Pulse  Sensor connection  Pulse  Sensor connection  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  G4/4  Pneumatic connection 3  G1/4	Coil characteristics	24 V DC: 1.8 W		
Information on operating and pilot media  Operation with oil lubrication possible (required for further use)  Vibration resistance  En 60068-2-6  Shock resistance  Shock resistance  Shock resistance class (CRC)  O - No corrosion stress  LABS (PWIS) conformity  VDMA2436-B1/B2-L  Max. magnetic interference field  Temperature of medium  -5 °C 50 °C  Noise level  B5 dB(A)  Protection against direct and indirect contact  PELV Protection against direct and indirect contact  Product weight  C sensor operating voltage range  100 · 30 V  Sensor short circuit protection  Sensor idle current  Max. appreciate frequency  Sensor residual ripple  \$ 10 %  Sensor voltage drop  £ Lettrical connection  Plug 3-pin Mak1  Type of mounting  Pneumatic connection 3  Galdan  Feundation and pilot in each with severity level 2 as per FN 942017-4 and EN 60068-2-27  Tonsport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Tansport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Tansport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock fees with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock fees with severity level 2 as per FN 942017-5 and EN 60068-2-27  O - No corrosion stress  C bnock resistance  Shock fees with severity level 2 as per FN 942017-5 and EN 60068-2-27  O - No corrosion stress  C bnock resistance  C box C - No or C  C	Permissible voltage fluctuations	-15 % / +10 %		
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)  0 - No corrosion stress  LABS (PWIS) conformity  VDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C Noise level  Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 ∨ 30 ∨ Sensor short circuit protection  Pulsed Sensor short circuit protection  Pulsed Sensor wax. switching frequency  Sono Hz Sensor residual ripple  ± 10 % Sensor voltage drop  ± 2 V  Electrical connection  Plug 3-pin M8x1  Type of mounting  Pneumatic connection 1  G1/4  Pneumatic connection 2  G4/4  Pneumatic connection 3  G1/4  Pneumatic connection 3  G1/4  Pneumatic connection 3  Fransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942018-2.  For C  as per FN 942016-19-10  Shock	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]		
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)  0 - No corrosion stress  LABS (PWIS) conformity  VDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C Noise level  Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 ∨ 30 ∨ Sensor short circuit protection  Pulsed Sensor short circuit protection  Pulsed Sensor wax. switching frequency  Sono Hz Sensor residual ripple  ± 10 % Sensor voltage drop  ± 2 V  Electrical connection  Plug 3-pin M8x1  Type of mounting  Pneumatic connection 1  G1/4  Pneumatic connection 2  G4/4  Pneumatic connection 3  G1/4  Pneumatic connection 3  G1/4  Pneumatic connection 3  Fransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27  Shock test with severity level 2 as per FN 942018-2.  For C  as per FN 942016-19-10  Shock	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)		
Corrosion resistance class (CRC)  LABS (PWIS) conformity  WDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV Protection against direct and indirect contact  PELV Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 °C 50 °C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Pulsed  Sensor max. switching frequency  5000 Hz  Sensor max. switching frequency  5000 Hz  Sensor residual ripple  \$ ± 10 %  Sensor voltage drop  £ 2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 2  G3/4  Pneumatic connection 3  G1/4				
Corrosion resistance class (CRC)  LABS (PWIS) conformity  WDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV Protection against direct and indirect contact  PELV Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 °C 50 °C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor short circuit protection  Pulsed  Sensor max. switching frequency  5000 Hz  Sensor max. switching frequency  5000 Hz  Sensor residual ripple  \$ ± 10 %  Sensor voltage drop  £ 2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 2  G3/4  Pneumatic connection 3  G1/4	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27		
LABS (PWIS) conformity  VDMA24364-B1/B2-L  Max. magnetic interference field  60 mT  Temperature of medium  -5 °C 50 °C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 °C 50 °C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 ∨ 30 ∨  Sensor short circuit protection  Pulsed  Sensor idle current  410 mA  Max. output current, sensor  200 mA  Sensor max. switching frequency  5000 Hz  Sensor residual ripple  ± 10 %  Sensor voltage drop  £1 t 10 %  Sensor voltage drop  £2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug 3-pin Max1  Type of mounting  With through-hole  Pneumatic connection 2  G3/4  Pneumatic connection 3  G1/4  Pneumatic connection 3	Corrosion resistance class (CRC)			
Temperature of medium  -5 ° C 50 ° C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 ° C 50 ° C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  410 mA  Max. output current, sensor  Sensor max. switching frequency  Sensor residual ripple  \$10 %  Sensor voltage drop  \$2 V  Electrical connection  Form C  as per EN 175301-803  Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  G3/4  Pneumatic connection 3  G1/4	LABS (PWIS) conformity	VDMA24364-B1/B2-L		
Temperature of medium  -5 ° C 50 ° C  Noise level  85 dB(A)  Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 ° C 50 ° C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  410 mA  Max. output current, sensor  Sensor max. switching frequency  Sensor residual ripple  \$10 %  Sensor voltage drop  \$2 V  Electrical connection  Form C  as per EN 175301-803  Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  G3/4  Pneumatic connection 3  G1/4	Max. magnetic interference field	60 mT		
Protection against direct and indirect contact  PELV Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 ° C 50 ° C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  410 mA  Max. output current, sensor  200 mA  Sensor max. switching frequency  5000 Hz  Sensor residual ripple  ± 10 %  Sensor voltage drop  £2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug  3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  G1/4  Pneumatic connection 3  G1/4		-5 °C 50 °C		
Protection class as per EN 60950/IEC 950  Pilot medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Ambient temperature  -5 °C 50 °C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  \$10 mA  Max. output current, sensor  200 mA  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  Pneumatic connection 2  G1/4  Pneumatic connection 2  G1/4  Pneumatic connection 3  G1/4	Noise level	85 dB(A)		
Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature 5° C 50° C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1134 g DC sensor operating voltage range 10 V 30 V Sensor short circuit protection Pulsed Sensor idle current \$10 mA Max. output current, sensor 200 mA Sensor max. switching frequency \$5000 Hz Sensor residual ripple \$10 % Sensor voltage drop \$2 V Electrical connection Form C as per EN 175301-803 Without PE conductor  Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	Protection against direct and indirect contact			
Ambient temperature  -5 °C 50 °C  Nominal altitude of use above sea level  1000 m as per VDE 0580  Product weight  1134 g  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  \$10 mA  Max. output current, sensor  200 mA  Sensor residual ripple  \$10 %  Sensor voltage drop  \$2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  Pneumatic connection 1  G1/4  Pneumatic connection 2  Pneumatic connection 3  G1/4  Pneumatic connection 3  G1/4  Pneumatic connection 3	Pilot medium			
Nominal altitude of use above sea level  Product weight  DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  410 mA  Max. output current, sensor  Sensor max. switching frequency  Sensor residual ripple  \$10 %  Sensor voltage drop  Electrical connection  Sensor connection  Plug 3-pin M8x1  Type of mounting  Pneumatic connection 2  Form C as per EN 175301-803 Without PE conductor  With through-hole  Pneumatic connection 3  G1/4  Pneumatic connection 3  Form C as per EN 175301-803 Without PE conductor	Ambient temperature			
DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  \$10 mA  Max. output current, sensor  200 mA  Sensor max. switching frequency  Sensor residual ripple  \$10 %  Sensor voltage drop  \$2 V  Electrical connection  Form C  as per EN 175301-803  Without PE conductor  Sensor connection  Plug  3-pin  M8x1  Type of mounting  Pneumatic connection 1  G1/4  Pneumatic connection 2  G4/4  Pneumatic connection 3  G1/4				
DC sensor operating voltage range  10 V 30 V  Sensor short circuit protection  Pulsed  Sensor idle current  \$10 mA  Max. output current, sensor  200 mA  Sensor max. switching frequency  Sensor residual ripple  \$10 %  Sensor voltage drop  \$2 V  Electrical connection  Form C  as per EN 175301-803  Without PE conductor  Sensor connection  Plug  3-pin  M8x1  Type of mounting  Pneumatic connection 1  G1/4  Pneumatic connection 2  G4/4  Pneumatic connection 3  G1/4	Product weight	1134 g		
Sensor idle current  Max. output current, sensor  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  Pneumatic connection 2  G1/4  Pneumatic connection 3  ≤10 mA  ≥20 mA  Form C as per EN 175301-803 Without PE conductor	DC sensor operating voltage range	10 V 30 V		
Max. output current, sensor       200 mA         Sensor max. switching frequency       5000 Hz         Sensor residual ripple       ± 10 %         Sensor voltage drop       ≤2 V         Electrical connection       Form C as per EN 175301-803 Without PE conductor         Sensor connection       Plug 3-pin M8x1         Type of mounting       With through-hole         Pneumatic connection 1       G1/4         Pneumatic connection 2       G½         Pneumatic connection 3       G1/4	Sensor short circuit protection	Pulsed		
Sensor max. switching frequency  Sensor residual ripple  ± 10 %  Sensor voltage drop  £2 V  Electrical connection  Form C as per EN 175301-803 Without PE conductor  Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  G1/4  Pneumatic connection 3  G1/4	Sensor idle current	≤10 mA		
Sensor residual ripple       ± 10 %         Sensor voltage drop       ≤2 V         Electrical connection       Form C as per EN 175301-803 Without PE conductor         Sensor connection       Plug 3-pin M8x1         Type of mounting       With through-hole         Pneumatic connection 1       G1/4         Pneumatic connection 2       G½         Pneumatic connection 3       G1/4	Max. output current, sensor	200 mA		
Sensor voltage drop ≤2 V  Electrical connection Form C as per EN 175301-803 Without PE conductor  Sensor connection Plug 3-pin M8x1  Type of mounting With through-hole  Pneumatic connection 1 G1/4  Pneumatic connection 2 G½  Pneumatic connection 3 G1/4	Sensor max. switching frequency	5000 Hz		
Form C as per EN 175301-803 Without PE conductor  Sensor connection Plug 3-pin M8x1  Type of mounting With through-hole Pneumatic connection 1 G1/4  Pneumatic connection 2 G1/4  Pneumatic connection 3 G1/4	Sensor residual ripple	± 10 %		
Form C as per EN 175301-803 Without PE conductor  Sensor connection Plug 3-pin M8x1  Type of mounting With through-hole Pneumatic connection 1 G1/4  Pneumatic connection 2 G1/4  Pneumatic connection 3 G1/4				
Sensor connection  Plug 3-pin M8x1  Type of mounting  With through-hole  Pneumatic connection 1  G1/4  Pneumatic connection 2  Pneumatic connection 3  G1/4	· · · · · · · · · · · · · · · · · · ·	as per EN 175301-803		
Pneumatic connection 1 G1/4 Pneumatic connection 2 G½ Pneumatic connection 3 G1/4	Sensor connection	Plug 3-pin		
Pneumatic connection 2 G¹/₄ Pneumatic connection 3 G1/4	Type of mounting	With through-hole		
Pneumatic connection 3 G1/4	Pneumatic connection 1			
Pneumatic connection 3 G1/4	Pneumatic connection 2	G1/4		
Note on materials RoHS-compliant	Pneumatic connection 3	G1/4		
	Note on materials			

Feature	Value
	FPM HNBR NBR
Housing material	Die-cast aluminum PA
Material of screws	Steel, galvanized
Switching element function	N/C contact