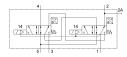
Control block VOFA-L26-T52-M-G14-1C1-ANP

Part number: 569820







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
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) Note on florced dynamization Note on florced dynamization Socialization designation of the exercising a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing a monoment/up to category A, performance level or Reversing and Reve	Feature	Value
Note on forced dynamization	Performance Level (PL)	
Nete on forced dynamization Signal status display With accessories Normal position with sensor Sensor switching status indication LED Plot pressure 3 bar10 bar Suitability for vacuum no Soutching frequency at least once a week Plot pressure 3 bar10 bar Suitability for vacuum no Soutching time 7 so me Peneumatic valve - sensor on Switching time Peneumatic valve - sensor on Switching time Peneumatic valve - sensor switching time off 11 ms Duty cycle 100% Max. positive test pube with 0 signal Max. positive test pube on 1 signal Soviciting output Coli characteristics 24 V DC 1.8 W Permissible valuage fluctuations 1:5 % /+10 % Operating medium Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance 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 60068-2.6 Shock resistance fled Go mT Compressed air as per ISO 8573-1:2010 [74-44] Information on against direct and indirect contact PLIX Max. magnetic interference fled Go mT Compressed air as per ISO 8573-1:2010 [74-44] Non- Reperature of medium Soc500°C On or corrosion resistance class (CRC) On No corrosion stress Anabient temperature Soc500°C Non- Reperature of medium Soc500°C On Max. Sensor max. switching frequency Sensor short circuit protection Pulsed Sensor resistant pipe 110 Max. Max. output current, sensor Sensor resistant pipe 110 Max.		
Signal status display With accessories Switching position sensing Normal position with sensor Sensor switching status indication LED Pilot pressure APP 0.3 MPa., 1 MPa Pilot pressure APP 3 bax., 10 bar Surbibility for vacuum no Switching time 5 6 ms On switching time 2 2 ms Perumatic valve - sensor Switching time off 11 ms Purpose of the pulse with 0 signal 100% Max, positive test pulse with 0 signal 1000 up Max, neative test pulse on 1 signal 300 up Switching output NPN Coli characteristics 23 v DC 1.3 w Permissible voltage fluctuations 15 % y -10 % Switching output NPN Coli characteristics 23 v DC 1.3 w Permissible voltage fluctuations 15 % y -10 % Use of signal medium Compressed air as per ISO 8873-12/010 [74-44] Information on operating and pillot media Operating with a lituration possible (required for further use) Vibration resistance Shock resistance Shock resistance Shock	Note on forced dynamization	
Switching position sensing Normal position with sensor Sensor switching status indication LED Pilot pressure MPa 0.3 MPa1 MPa Pilot pressure MIPa 3 bat10 bar Suitability for vacuum no On switching time off 36 mB On switching time off 6 mB Precuratic valve - sensor Switching time off 11 mS Duty cycle 100% Max. positive test pulse with 0 signal 1000 ps Max. negative sest pulse on 1 signal 800 ys Switching output NPN Coll characteristics 22 v DC: 1.8 W Permissible voltage fluctuations 15 % / 10 % Operating medium Compressed air as per ISO 8573:1;2010 [74:44] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibrotion resistance Shock resistance Shock resistance Shock resistance with severity level 2 as per IN 942017 4 and EN 60068-2.6 Shock resistance Shock resistance with severity level 2 as per IN 942017 5 and EN 60068-2.6 Carresportance and medium 5 mC corresion resistance dass (RCQ) Ab		<u> </u>
Sensor switching status indication LED Pilot pressure MPa 0.3 MPa1 MPa Pilot pressure 3 Dar10 bar Suitability for vacuum no Switching time off 56 ms On switching time 22 ms Pneumatic valve - sensor Os whiching time 60 ms Pneumatic valve - sensor Switching time off 11 ms Duty cycle 100% Max. pospithe test pulse with 10 signal 1000 µs Max. negative test pulse with 10 signal 800 µs Switching output NPN Coli characteristics 22 V DC: 1.8 W Permissable votage fluctuations 41 % Y - 1.0 % Operating medium Compressed air as per ISO 8573-1:2010 [77-4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Shock resistance Carrosion resistance class (CRC) 0 - No corrosion stress Carrosion resistance class (CRC) 0 - No corrosion stress LABS (PWS) conformity VDIAAC436-81 / R2-1 Wook level 85 dB(A) Protection against direct and in		
Pilot pressure MPa 3 bar.10 bar 3 bar.10 bar 3 bar.10 bar 5 br.10		·
Suitability for vacuum	-	
Switching time of 56 ms Nowtiching time of 22 ms Pneumatic valve - sensor ON switching time 60 ms Pneumatic valve - sensor whiching time 61 ms Pneumatic valve - sensor whiching time 61 ms Pneumatic valve - sensor whiching time 67 ms Duty sycle 100% Max. positive test pulse with 0 signal 1000 μs Max. negative test pulse with 0 signal 1000 μs Max. negative test pulse on 1 signal 800 μs Switching output NPN Coil characteristics 24 V DC: 1.8 W Permissible voltage fluctuations 15% γ-100 Mp Operating medium Compressed air as per ISO 8873-1:2010 [7:4:4] Information on operating and pilot media 0peration with oil lubrication possible (sequired for further use) Vibration resistance 15% 60068-2-6 Shock resistance 5hock test with severity level 2 as per FN 942017-4 and exholoses 2-27 Corrosion resistance class (CRC) 0- No corrosion stress LABS (PWIS) conformity VDMA2436-B1/β2-L Max. magnetic interference field 60 mT Imperature of medium 5°C.,50°C Noise level 83 dB(V) Protection against direct and indirect contact PELV more failured as as per ISO 8873-1:2010 [7:4:4] Ambient temperature 5°C.,50°C Nominal altitude of use above sea level 1000 m as per VPC DS80 Protection against direct and indirect contact 10 ma A Max. output current, sensor 61 sensor operating voltage range 10 V.3.0 V Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Sensor operating voltage range 10 V.3.0 V Sensor residual ripple 110% Sensor operating voltage range 10 V.3.0 V Sensor residual ripple 110% Sensor one circuit protection Pulsed Sensor o	·	
Switching time off 56 ms On switching time 22 ms Pneumatic valve - sensor ON switching time off 11 ms Duty cycle 100% Max. positive test pulse with 0 signal 1000 µs Max. positive test pulse with 0 signal 800 µs Max. negative test pulse on 1 signal 800 µs Switching output NPN Coli characteristics 24 V DC: 1.8 W Permissible voltage fluctuations 15 % / 1.0 % Operating medium Compressed air as per ISO 8573-1:2010 [7:44] 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 60068-2.6 Corrosion resistance class (CRC) 0 - No corrosion stress Lass (PWIS) conformity VDMA2264-81/82-1 Max. magnetic interference field 60 mT Temperature of medium 5 *C50 °C Moise level 85 dB(A) Protection against direct and indirect contact PELV Protection against direct and indire	·	-
On switching time 22 ms Pneumatic valve - sensor ON switching time 60 ms Pneumatic valve - sensor switching time off 11 ms Duty cycle 100% Max. positive test pulse with 0 signal 1000 µs Max. negative set pulse on 1 signal 800 µs Switching output NPN Coll characteristics 24 V DC: 1.8 W Permissible votage fluctuations 1.5 % / 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 ER 60068-2 e Shock 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 field 60 mT LaBS (PWIS) conformity VDMA24364 81/82-1 Max. magnetic interference field 60 mT Temperature of medium -5 °C. 50 °C Noise level 85 dB(A) Protection against direct	,	
Pneumatic valve - sensor ON switching time of		
Preumatic valve - sensor switching time off 10ms 10m6 Duty cycle 10m8		
Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse on 1 signal Sovitching output NPN 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 pillot media Operation resistance Transport application test with severity level 2 as per FN 942017-4 and RN 60068-2 e Shock resistance Shock test with severity level 2 as per FN 942017-4 and RN 60068-2 e Shock seststance 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 VDM 242/364-B1/B2-1 Max. magnetic interference field 60 mT Temperature of medium 5-5°C50°C Noise level 85 dB(A) Protection against direct and indirect contact PELY Protection against direct and indirect contact PELY Product weight DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor short circuit protection Max. output current, sensor 200 mA Sensor max. switching frequency Sensor short circuit protection Pulsed Sensor residual riple 5-8 cn.50 °C Labs (Product weight 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency Sensor short circuit protection Pulsed Sensor of max. switching frequency Sensor short circuit protection Pulsed Sensor residual riple 5-10 % Sensor connection Plug 3-pin 3-pi		
Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal 80 0 μs Witching output NPN Coil characteristics 2 A 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 Iransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance (Shock resistance) Shock resistance (Shock resistance) Shock resistance (Shock resistance) Corrosion resistance class (CRC) O-No corrosion stress Chals (PWIS) conformity VDMA24/36-81/82-L Max. magnetic Interference field 60 mT Temperature of medium 5 °C''50 °C Noise level Protection against direct and indirect contact PELV Protection dass 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 Mominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor operating voltage range 10 V30 V Sensor short circult protection Sensor field current, sensor 20 mA Sensor max. switching frequency Sensor resistance field in pilote 1 10 % Sensor worklage drop Pulse Electrical connection Pulse Resistance Final Type of mounting With through-hole Presumatic connection 1 Fine mounting Presumed connection 2 Gl/4 Pneumatic connection 3	_	
Max. negative test pulse on 1 signal Sovitching output NPN Sovitching output NPN 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 60068-2-6 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 Corrosion resistance class (CRC) O-No corrosion stress Corrosion fresistance field 60 mT Temperature of medium 5-9 °C50 °C Noise level 85 dB(A) Protection against direct and indirect contact PELV		1000 μs
Switching output Coil characteristics 2 a 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 660068-2-6 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 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 ass as per EN 60950/IEC 950 Pilot medium Compressed 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 1138 g Co sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Sensor ricuit protection Pulsed Sensor residual ripple 10 mA Max. output current, sensor 200 mA Sensor residual ripple 10 mC as per EN 175301-803 Without PE conductor Sensor residual ripple 10 % Sensor roonection Plug Sensor roonection Pulsed Sensor roonection Pulsed Sensor roonection Pulsed Sensor roonection Pulsed Sensor roonection With through-hole Pressure gauge connection Form C as per EN 175301-803 Without PE conductor Sensor residual ripple 4 10 % Sensor roonection G1/4 Pneumatic connection 1 G4/4 Pneumatic connection 3 G4/4 Pneumatic connection 3 G4/4		800 µs
Coll characteristics 24 V DC: 1.8 W Permissible voltage fluctuations 1:5 % / +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 resistance Shock resistance O-No corrosion stress Corrosion resistance class (CRC) O-No corrosion stress LABS (PWIS) conformity VOMA24364-81/82-L Max. magnetic interference field 60 mT Emperature of medium 5-5 °C50 °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 5-5 °C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor idle current 10 mA Aax. output current, sensor 200 mA Sensor residual ripple 210 % Sensor connection Plug Pressure gauge connection G1/4 Preumatic connection G1/4 Pneumatic connection G4/4 Pneumatic connection G4/4 Pneumatic connection G1/4 Pneumatic connection G4/4 Pneumatic connection G1/4 Pneumatic connection G1/4		·
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 resistance class (CRC) O-No corrosion stress LABS (PWIS) conformity VDMA24364-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 Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5°C50°C Noise level 1000 m as per VDE 0580 Product weight 1138 g Dc sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor institution of current 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency Sensor residual ripple 210 % Sensor residual ripple 210 % Sensor residual ripple 210 % Sensor rouncetion Pilog 3-pin Max.1 Type of mounting With through-hole Pressure gauge connection Presumatic connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	- '	24 V DC: 1.8 W
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 resistance class (CRC) O-No corrosion stress LABS (PWIS) conformity VDMA24364-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 Protection against direct and indirect contact Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5°C50°C Noise level 1000 m as per VDE 0580 Product weight 1138 g Dc sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor institution of current 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency Sensor residual ripple 210 % Sensor residual ripple 210 % Sensor residual ripple 210 % Sensor rouncetion Pilog 3-pin Max.1 Type of mounting With through-hole Pressure gauge connection Presumatic connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Permissible voltage fluctuations	
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) O - No corrosion stress LABS (PWIS) conformity VDMA24364-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 Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5°C50°C Noise level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Sensor max. switching frequency 5000 Hz Sensor residual ripple 10 % Sensor residual ripple 10 % Sensor residual ripple 10 % Sensor connection Prom C 10 as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8k1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection 1 G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 3		
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°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°50° C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor operating voltage range 10 V30 V Sensor max. switching frequency Sensor ricircuit protection Pulsed Sensor row, switching frequency Soo0 Hz Sensor residual ripple 210 % Sensor row, switching frequency Sensor residual ripple 210 % Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pressure gauge connection 1 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	Information on operating and pilot media	
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 °C50 °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 °C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g CD c sensor operating voltage range 10 V30 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 sar per Sensor connection Pulse Sensor connection Plug 3-pin M&x1 Type of mounting With through-hole Pressure gauge connection G1/4 Pneumatic connection G4/4 Pneumatic connection G1/4	Vibration resistance	
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 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 1138 g DC sensor operating voltage range 10 V30 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 roltage drop 2 V Electrical connection Pulsg Sensor connection Pulsg 3-pin M8x1 Type of mounting Pressure gauge connection G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 2 G1/4 Pneumatic connection 3		EN 60068-2-6
LABS (PWIS) conformity WDMA24364-B1/B2-L Max. magnetic interference field 60 mT Temperature of medium 5-5 °C50 °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 5-5 °C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 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 Electrical connection Form C as per EN 175301-803 Without PE conductor Sensor connection Pressure gauge connection With through-hole Pressure gauge connection G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Max. magnetic interference field Femperature of medium Sec50 °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 Sec50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range Sensor short circuit protection Pulsed Sensor rotericuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor 200 mA Sensor residual ripple \$10 % 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 Pressure gauge connection G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Corrosion resistance class (CRC)	0 - No corrosion stress
Temperature of medium 5 ° C50 ° 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 ° C50 ° C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency 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 Pressure gauge connection G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4	LABS (PWIS) conformity	VDMA24364-B1/B2-L
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° C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 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 residual ripple ± 20 % 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 Pressure gauge connection G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4		
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 °C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 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 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 G4/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Temperature of medium	-5 °C50 °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° C50° C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 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 Pressure gauge connection G1/4 Pneumatic connection G4/4 Pneumatic connection G1/4		85 dB(A)
Pilot medium Compressed 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 1138 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency 5000 Hz 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 Pressure gauge connection G1/4 Pneumatic connection G1/4	Protection against direct and indirect contact	
Ambient temperature -5 °C50 °C Nominal altitude of use above sea level 1000 m as per VDE 0580 Product weight 1138 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor 200 mA Sensor rax. 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 Pressure gauge connection G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 2 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 V30 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 Pressure gauge connection G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3		· · · · · · · · · · · · · · · · · · ·
Product weight DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor Sensor max. switching frequency Sensor residual ripple \$\frac{1}{2}\text{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 Pressure gauge connection Pressure gauge connection G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	·	
DC sensor operating voltage range Sensor short circuit protection Pulsed Sensor idle current 10 mA Max. output current, sensor Sensor max. switching frequency Sensor residual ripple \$\frac{10 \text{ M}}{200 \text{ M}}\$ Sensor voltage drop Electrical connection \$\frac{10 \text{ Form C}}{200 \text{ M}}\$ Sensor connection \$\frac{10 \text{ Plug}}{3 \text{ -pin}}\$ Type of mounting Pressure gauge connection \$\frac{10 \text{ M}}{200 \text{ M}}\$ G1/4 Pneumatic connection 2 \$\frac{10 \text{ M}}{200 \text{ M}}\$ G1/4 Pneumatic connection 3 \$\frac{10 \text{ M}}{200 \text{ M}}\$ \$		·
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 With through-hole Pressure gauge connection G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	-	
Sensor idle current Max. output current, sensor Sensor max. switching frequency Sensor residual ripple \$\frac{\text{\$\text{\$\text{\$\text{\$}}}}}{\text{\$\text{\$\text{\$}}}}} \text{\$\text{\$\text{\$\text{\$\text{\$}}}}} \text{\$\text{\$\text{\$\text{\$\text{\$}}}}} \$\text{\$\tex		
Max. output current, sensor Sensor max. switching frequency Sensor residual ripple \$\frac{1}{2}\text{ 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 Pressure gauge connection G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	·	
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 Pressure gauge connection G1/4 Pneumatic connection 1 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4		
Sensor residual ripple ± 10 % Sensor voltage drop 2 V Electrical connection Form C	·	
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		
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 G1/4 Pneumatic connection 3 G1/4		
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	·	Form C
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		
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 G½ Pneumatic connection 3 G1/4	Type of mounting	With through-hole
Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Pressure gauge connection	G1/4
Pneumatic connection 3 G1/4	Pneumatic connection 1	G1/4
·	Pneumatic connection 2	G1/4
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