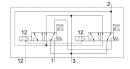
Control block VOFA-L26-T32C-MZ-G14-1C1-APP Part number: 8162034

FESTO





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 MPa1 MPa 0 bar10 bar 0 psi145 psi
Structural design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65 NEMA 4
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
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	External
Flow direction	Non-reversible
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
Note on forced dynamization	Switching frequency at least once a week

Signal status display With accessories Switching position sensing Normal position with sensor	Feature	Value
Sensor switching status indication LED Pilot pressure WPA 0.3 MPa1 MPa Pilot pressure 3 bar10 bar Surbality for vacuum no Standard flow size cahast 6 > 0 bar 2650 (rain) Standard flow size cahast 6 > 0 bar in the event of a fault 1050 (Vmin) Switching time off 5 ms On switching time 2 ms Presumatic valve - sensor of switching time off 11 ms Duty cycle 100% Max. postive test pulse with 0 signal 1000 µs Max. postive test pulse with 0 signal 800 µs Switching output PNP Coll characteristics 23 ½ V DC 1.8 W Permissible voltage fluctuations 15 % (+10 %) Switching output Ompressed air as per ISO 8573+12010 [7:44] Oil characteristics 15 ½ +10 % Operating medium Compressed air as per ISO 8573+12010 [7:44] Information on operating and pilot media Operating with bit butterioting possible (required for further use) Vibration resistance Shock resistance Shock resistance Shock resistance Corrosion resista	Signal status display	With accessories
Pilot pressure MPa 7	Switching position sensing	Normal position with sensor
Suitability for vacuum	Sensor switching status indication	LED
Suitability for vacuum Sandard flow rate exhaust 6 - 0 bar in the event of a fault Soliciting time of On switching time of On switching time of On switching time Pneumatic valve - sensor ON switching time Signary Shows - sensor on the switching time Solog is Switching output Shows - sensor on the switching time Solog is Switching output Solog is specified to the switching time Solog is specified sing specified the switching time Solog is specified sing specified the switching time Solog is specified sing specified for further use) Vibration resistance Shock resistance Shock resistance Shock tests with severity level 2 as per RN 942017-4 and EN 60068-2-6 Shock tests with severity level 2 as per RN 942017-5 and EN 60068-2-7 Corrosion resistance class (CRC) On No corrosion serses LABS (PMS) conformity VDMA2/36-84/82-L LABS (PMS) conformity VDMA2/36-84/82-L LABS (PMS) conformity VDMA2/36-84/82-L Shows resistance of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of field Om T Temperature of medium Solog is different of	Pilot pressure MPa	0.3 MPa1 MPa
Standard flow rate exhaust 6 -> 0 bar in the event of a fault 1050 l/min 1050	Pilot pressure	3 bar10 bar
Standard flow rate exhaust 6 -> 0 bar in the event of a fault 1050 l/min 1050	Suitability for vacuum	no
Switching time off On switching time On switching time Se ms Pneumatic valve - sensor ON switching time Pneumatic valve - sensor switching time off Only cycle 100% Aux. positive test pulse with 0 signal 1000 µs Aux. positive test pulse with 0 signal 1000 µs Aux. positive test pulse with 0 signal 1000 µs Aux. positive test pulse on 1 signal 800 µs Switching output PNP Coli 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 Product 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 resistance class (CRC) On No corrosion stress Lass (PMIS) conformity Vibration resistance field 60 mT Temperature of medium - 5-9°C50°C Nooise level 85 dB(A) Protection lagainst direct and indirect contact PDEV Protection laga as a per ISO 8573-1:2010 [7;4:4] Ambient temperature - 5-9°C50°C Nominal altitude of use above sea level 100 mA Ambient temperature - 5-9°C50°C Nominal altitude of use above sea level 100 mA Ambient correction Pulsed Sensor operating voltage range 10 V30 V Sensor residual ripple - 10 W Sensor residual ripple - 2 W Electrical connection Pulse - 3-9°C Sono Hale - 4 W With through-hole Pilut air port 12/14 Pneumatic connection G/4	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. positive rest pulse with o signal 1000 µs Max. negative test pulse on 1 signal 800 µs Switching output PNP Coli characteristics 24 V Dc: 1,8 W Permissible votage 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 RP 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 as per RP 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) 0 - No corrosion stress Corrosion fresistance fled 60 mT LaBS (PWIS) conformity VDMA24364-B1/B2-L Max. magnetic interference fled 60 mT Temperature of medium -5 °C50 °C Noise level 85 dB(A) Protection against direct and indirect contact PCL	Standard flow rate exhaust 6 -> 0 bar in the event of a fault	1050 l/min
Pneumatic valve - sensor ON switching time off Pneumatic valve - sensor switching time off Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse on 1 signal Boo us Max. positive test pus on 1 signal Boo us Max. positive test pus on 1 signal Boo us Max. positive test pus on 1 signal Boo us Max. positive test	Switching time off	54 ms
Pneumatic valve - sensor switching time off Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal 800 µs Switching output PNP Coli 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 Vibration resistance Information on operating and pilot media Shock resistance Shock Plaz-1 Corrosion resistance field Shock resistance Shock Resist	On switching time	24 ms
Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse on 1 signal Sovitching output PNP 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 Shock resistance Shock 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 942017-4 and EN 60068-2-6 Shock as great interference fled Ass. (PWIS) conformity VDM24/364-81/82-1 Max. magnetic interference fled 60 mT Temperature of medium 5. "C50" C Potection 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 Sensor ranks. witching frequency Sensor radical riple Sensor voltage drop 2 V Electrical connection Plug 3-pin 3-pin Max. Max. Protection cancel on 1 Phore as per EN 175301-803 Without PE conductor Plug 3-pin 3-pin Max. Protection cancel on 1 Plug 3-pin 3-pin 3-pin Max. Protection cancel on 1 Plug 3-pin 3-pin 3-pin Max. Presentation connection 1 Protection cancel on 2 Plug 3-pin 3-pin 3-pin 3-pin 4-pin		58 ms
Max. regative test pulse with 0 signal Max. regative test pulse on 1 signal 800 us Switching output PNP Coli 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 lubicitation 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 Shock resistance (CRC) O - No corrosion stress Corrosion resistance class (CRC) O - No corrosion stress Corrosion desistance field 60 mT Temperature of medium -5 °C50 °C Noise level St dB(A) Protection against direct and indirect contact Protection against direct and indirect contact Protection dass as per EN 60950/IEC 950 Pllot 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 1134 g DC sensor operating voltage range 10 V30 V Sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsor Sensor short circuit protection Pulsor Sensor max. switching frequency Sensor short directing frequency Sensor short circuit protection Pulsor Sensor max. switching frequency Sensor residual ripple 110 % Sensor voltage drop Electrical connection Pulsor Sensor from C as per EN 175 301-803 Without PE conductor Pulsor Proteumatic connection 1 Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 175 301-803 Without PE conductor Pulsor as per EN 492017-4:41 Preum	Pneumatic valve - sensor switching time off	11 ms
Max. negative test pulse on 1 signal Sovitching output PNP Coll characteristics 24 V DC: 1.8 W Permissible voltage fluctuations 1-15 % / +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 festance class (CRC) O - No corrosion stress Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) O - No corrosion stress Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) O - No corrosion stress Transport application 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 Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Corrosion resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance S	Duty cycle	100%
Max. negative test pulse on 1 signal Sovitching output PNP Coll characteristics 24 V DC: 1.8 W Permissible voltage fluctuations 1-15 % / +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 festance class (CRC) O - No corrosion stress Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) O - No corrosion stress Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) O - No corrosion stress Transport application 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 Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Corrosion resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance S	Max. positive test pulse with 0 signal	1000 μs
Switching output Coil characteristics 2 a 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 resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2:6 Shock resistance Shock resistance Shock sest with severity level 2 as per FN 942017-4 and EN 60068-2:6 Corrosion resistance class (CRC) O - No corrosion stress LABS (PWIS) conformity VDMA2/46-B1/B2-L Max. magnetic interference field 60 mT Temperature of medium 5-9°C50 °C Noise level 85 dB(A) Protection against direct and indirect contact PFEU Protection against direct and indire		800 µs
Coli characteristics	·	
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°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 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 1134 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Max. output current, sensor 200 mA Max. output current, sensor 200 mA Sensor max. switching frequency 5000 Hz Sensor residual ripple 1 10 % Sensor rollage drop Electrical connection Plug 3-pin Max.1 Type of mounting With through-hole Pilot air port 12/14 M7 Pneumatic connection 1 Filot afty 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 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 Protection against direct and indirect contact 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 1134 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor short circuit protection Pulsed Max. output current, sensor 200 mA Max. output current, sensor 200 mA Sensor max. switching frequency 5000 Hz Sensor residual ripple 1 10 % Sensor rollage drop Electrical connection Plug 3-pin Max.1 Type of mounting With through-hole Pilot air port 12/14 M7 Pneumatic connection 1 Filot afty Pneumatic connection 3 G1/4 Pneumatic connection 3	Permissible voltage fluctuations	-15 % / +10 %
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 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 PCU Protection class as per EN 60950/IEC 950 PCU Ompressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C50 °C Ompressed air as per ISO 8573-1:2010 [7:4:4] PCU Protection as per VDE 0580 Product weight 1134 g DC sensor operating voltage range 10 V30 V Sensor short circuit protection Pulsed Sensor indirection Pulsed Sensor indirection PCU Sensor residual ripple 10 mA Max. output current, sensor 200 mA Sensor residual ripple 10 mA Sensor voltage drop PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output current, sensor PCU Sensor residual ripple 10 mA Max. output	<u> </u>	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 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 -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 fidle current 10 mA Max. output current, sensor 200 mA Sensor max. switching frequency Sensor residual ripple \$10 % Sensor residual ripple \$10 % Sensor residual ripple \$10 % Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pilot air port 12/14 Pneumatic connection 1 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	, , ,	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 °C50 °C Noise level Protection against direct and indirect contact PELV Protection against direct and indirect contact PELV Protection against direct and indirect contact PELV Protection as 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 1134 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 wax. switching frequency 5000 Hz Sensor residual ripple 2 V Electrical connection Form C as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting Pilot air port 12/14 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	· - ·	Transport application test with severity level 2 as per FN 942017-4 and
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 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 1134 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 ± 10 % Sensor voltage drop 2 V Electrical connection Form C as per EN 175301-803 Without PE conductor Plug 3-pin M8x1 Type of mounting Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G% 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 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 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 1134 g DC sensor operating voltage range 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 Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Corrosion resistance class (CRC)	
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 1134 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 \$ ± 10 % Sensor connection Form C as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pilot air port 12/14 M7 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	LABS (PWIS) conformity	VDMA24364-B1/B2-L
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° 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 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 ±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 Pilot air port 12/14 M7 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 °C50 °C Nominal altitude of use above sea level 1000 m aper VDE 0580 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 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 Pilot air port 12/14 M7 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 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 1134 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 Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3	Noise level	85 dB(A)
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 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 Pilot air port 12/14 M7 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Protection against direct and indirect contact	
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 \$\frac{10 \text{ *}}{20 \text{ *}} \text{ *}	Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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}\$ 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 Pilot air port 12/14 M7 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Ambient temperature	-5 °C50 °C
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 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 Pilot air port 12/14 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Nominal altitude of use above sea level	1000 m as per VDE 0580
Sensor short circuit protection 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 Plused With through-hole Pilot air port 12/14 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Product weight	1134 g
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	DC sensor operating voltage range	10 V30 V
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 Pilot air port 12/14 Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Sensor short circuit protection	Pulsed
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 Pilot air port 12/14 M7 Pneumatic connection 1 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 as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G½ Pneumatic connection 3 G1/4	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 Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4	Sensor max. switching frequency	5000 Hz
Electrical connection Form C as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Sensor residual ripple	± 10 %
as per EN 175301-803 Without PE conductor Sensor connection Plug 3-pin M8x1 Type of mounting With through-hole Pilot air port 12/14 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 Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G½ Pneumatic connection 3 G1/4	Electrical connection	as per EN 175301-803
Pilot air port 12/14 M7 Pneumatic connection 1 G1/4 Pneumatic connection 2 G½ 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	Pilot air port 12/14	M7
Pneumatic connection 3 G1/4	Pneumatic connection 1	G1/4
	Pneumatic connection 2	G1/4
	Pneumatic connection 3	G1/4
	Note on materials	RoHS-compliant

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