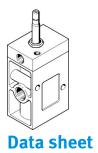
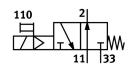
Air solenoid valve MOCH-3-1/2 Part number: 7885







General operating condition

Actuation type Electrical Width \$2 mm Standard nominal flow rate Preumatic working port Operating voltage Operating pressure Operating pressure Operating pressure Operating pressure Operating obeging Reset method Mechanical spring Degree of protection Nominal width 14 mm Width dimension Exhaust air function Sealing principle Soft Mounting position Mounting position Any Manual override Operating Operating trees up Operating trees up Operating principle Soft Non-reversible Symbol Opopauling time off On switching time off On switching time off Max, positive test pulse with 0 signal Max, negative test pulse on 1 signal Corrosion resistance class (CRC) LABS (PWIS) conformity VOMA243546-B1/B2-L Son C 40 °C Ambient temperature Electrical 3700 l/min Any Max positive condition on operating and pilot media Corrosion resistance class (CRC) An bild the condition of the co	Feature	Value
Standard nominal flow rate Standard nominal flow rate 3700 l/min Standard nominal flow rate 3700 l/min G1/2 Operating voltage Via solenoid coil, to be ordered separately Operating pressure 0.15 MPa 1 MPa Operating pressure 1.5 bar 10 bar Structural design Plate seat Mechanical spring Degree of protection IP65 Nominal width 14 mm Width dimension Exhaust air function Soft Mounting position Any Manual override Detenting Flipt controlled Fliow direction Non-reversible Symbol Oo991017 Lap Underlap Devalue 0.3 Switching time off 54 ms On switching time off Son switching time 22 ms Max. positive test pulse with 0 signal 3700 µs Max. negative test pulse on 1 signal Corrorsion resistance class (CRC) 1 - Low corrosion stress Corrosion resistance class (CRC) LABS (PWIS) conformity VOMA24364-B1/B2-L School according temperature -5 °C 40 °C Ambient temperature 5 °C 40 °C Ambient temperature -5 °C 60 °C Emperature of medium 1.0 °C 60 °C Emperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Valve function	3/2, open, monostable
Standard nominal flow rate Pneumatic working port Operating pressure Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operating medium Operation with oil fubrication possible (required for further use) Operating medium Operating medium Operating with oil fubrication possible (required for further use) Operating medium Operating medium Operating medium Operating medium Operating with oil fubrication possible (required for further use) Operating medium Operating with oil fubrication possible (required for further use) Operating medium Operating with oil fubrication	Actuation type	Electrical
Preumatic working port Operating voltage Via solenoid coil, to be ordered separately Operating pressure O.15 MPa 1 MPa Operating pressure 1.5 bar 10 bar Structural design Plate seat Reset method Mechanical spring Degree of protection IP65 Nominal width Vidth dimension Exhaust air function With flow control option Sealing principle Soft Mounting position Manual override Type of control Plot-controlled Non-reversible Symbol Lap Devalue O.3 Switching time off On switching time off On switching time Max. positive test pulse with 0 signal Max. positive test pulse with 0 signal Max. positive test pulse with 0 signal Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with of Company Corosion resistance class (CRC) Labs Cerv. 40 °C Ambient temperature -5 °C 40 °C	Width	52 mm
Operating voltage Via solenoid coil, to be ordered separately Operating pressure 0.15 MPa 1 MPa Operating pressure 1.5 bar 10 bar Structural design Plate seat Reset method Mechanical spring Obegree of protection IP65 Nominal width 14 mm Width dimension 69 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting Type of control Pilot-controlled Flow direction Non-reversible Symbol O999107 Lap Underlap Devalue 0.3 Switching time off 54 ms On switching time Max. positive test pulse with 0 signal 3700 µs Max. positive test pulse on 1 signal 3700 µs Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress Corrosion resistance class (Standard nominal flow rate	3700 l/min
Operating pressure Operating pressure 1.5 bar 10 bar Structural design Plate seat Reset method Mechanical spring Operating protection Ple5 Nominal width 14 mm Width dimension Exhaust air function Sealing principle Mounting position Manual override Type of control Plot-controlled Plot-controlled Plot-controlled Plot-controlled Plot-seasing Plot-seasin	Pneumatic working port	G1/2
Departing pressure 1.5 bar 10 bar Structural design Reset method Mechanical spring Degree of protection IP65 Nominal width 14 mm Width dimension Exhaust air function With flow control option Sealing principle Soft Mounting position Manual override Type of control Flow direction Non-reversible Symbol Oo991017 Lap Underlap Underlap bevalue O3 Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operating medium Corrosion resistance class (CRC) 1- Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Elemperature of medium -10 °C 60 °C Emperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Operating voltage	Via solenoid coil, to be ordered separately
Structural design Reset method Mechanical spring Degree of protection Ple5 Nominal width 14 mm Width dimension Eshaust air function Sealing principle Soft Mounting position Any Manual override Detenting Type of control Flow direction Non-reversible Symbol Lap Devalue Do-value Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Deperating medium Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature Langer Lange Coil	Operating pressure	0.15 MPa 1 MPa
Reset method Mechanical spring Degree of protection IP65 Nominal width 14 mm Width dimension 69 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting Type of control Pilot-controlled Flow direction Non-reversible Symbol 00991017 Lap Underlap b-value 0.3 Switching time off \$4 ms On switching time 22 ms Max. positive test pulse with 0 signal 2200 μs Max. negative test pulse with 0 signal 2200 μs Max. negative test pulse on 1 signal 3700 μs Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C	Operating pressure	1.5 bar 10 bar
Degree of protection IP65 Nominal width 14 mm Width dimension 69 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting Type of control Pilot-controlled Flow direction Non-reversible Symbol 00991017 Lap Underlap b-value 0.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse on 1 signal 3700 µs Coil characteristics See solenoid coil, to be ordered separately 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) Caroge temperature 20°C 60°C Imperature of medium 10°C 60°C Ambient temperature -5°C 40°C Ambient temperature -5°C 40°C	Structural design	Plate seat
Nominal width 14 mm Width dimension 69 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Detenting Type of control Pilot-controlled Flow direction Non-reversible Symbol 00991017 Lap Underlap b-value 0.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 3700 µs Coil characteristics See solenoid coil, to be ordered separately 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) It low corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20°C 60°C Imperature of medium -10°C 60°C Ambient temperature -5°C 40°C	Reset method	Mechanical spring
Width dimension Exhaust air function With flow control option Sealing principle Mounting position Manual override Type of control Filot-controlled Flow direction Non-reversible Symbol Lap Underlap D-value On switching time Max. positive test pulse with 0 signal Max. positive test pulse on 1 signal Coil characteristics Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Imperature of medium -10 °C 60 °C Imperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Degree of protection	IP65
Exhaust air function Sealing principle Soft Mounting position Any Manual override Type of control Flow direction Symbol Lap Underlap D-value Switching time 10 switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Corporating medium Corporating medium Corporating and pilot media Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -5 °C 40 °C Ambient temperature See solenoid coil, to every conformity See solenoid coil 1 °C 60 °C Lamperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Nominal width	14 mm
Sealing principle Mounting position Any Manual override Detenting Pilot-controlled Flow direction Non-reversible Symbol Lap Underlap D-value Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Femperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Width dimension	69 mm
Mounting position Manual override Detenting Pilot-controlled Flow direction Non-reversible Symbol Lap Underlap b-value Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium Any Monuting Detenting Detenting Detenting Detenting Detenting Dotenting Detenting Detenting Dotenting Dotenting Dotenting Dotenting Doperation with oil lubrication possible (required for further use) VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Exhaust air function	With flow control option
Manual override Type of control Pilot-controlled Non-reversible Symbol O991017 Lap Underlap b-value Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately 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) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Ambient temperature -5 °C 40 °C	Sealing principle	Soft
Pilot-controlled Pilot-controlled Non-reversible Symbol O9991017 Lap Underlap b-value O.3 Switching time off Symbol On switching time 22 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Mounting position	Any
Flow direction Non-reversible O0991017 Lap Underlap b-value O.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress VDMA24364-B1/B2-L Storage temperature -20 ° C 60 ° C Femperature of medium -10 ° C 60 ° C Ambient temperature	Manual override	Detenting
Symbol 00991017 Lap Underlap b-value 0.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal 2200 μs Max. negative test pulse on 1 signal 3700 μs Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Type of control	Pilot-controlled
Underlap Devalue O.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Flow direction	Non-reversible
Devalue O.3 Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Symbol	00991017
Switching time off 54 ms On switching time 22 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 3700 µs Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Lap	Underlap
On switching time22 msMax. positive test pulse with 0 signal2200 μsMax. negative test pulse on 1 signal3700 μsCoil characteristicsSee solenoid coil, to be ordered separatelyOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-20 °C 60 °CTemperature of medium-10 °C 60 °CAmbient temperature-5 °C 40 °C	b-value	0.3
Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Switching time off	54 ms
Max. negative test pulse on 1 signal Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	On switching time	22 ms
Coil characteristics See solenoid coil, to be ordered separately 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) Corrosion resistance class (CRC) 1 - Low corrosion stress VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Max. positive test pulse with 0 signal	2200 μs
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) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Max. negative test pulse on 1 signal	3700 μs
Information on operating and pilot media Operation with oil lubrication possible (required for further use) 1 - Low corrosion stress VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Coil characteristics	See solenoid coil, to be ordered separately
Corrosion resistance class (CRC) 1 - Low corrosion stress VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Storage temperature -20 °C 60 °C Temperature of medium -10 °C 60 °C Ambient temperature -5 °C 40 °C	Corrosion resistance class (CRC)	1 - Low corrosion stress
Temperature of medium -10 °C 60 °C -5 °C 40 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature -5 °C 40 °C	Storage temperature	-20 °C 60 °C
	Temperature of medium	-10 °C 60 °C
Product weight 1150 g	Ambient temperature	-5 °C 40 °C
	Product weight	1150 g

Feature	Value
1 //	Optionally: On terminal strip With through-hole
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Pneumatic connection 3	G1/2
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum