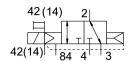
Air solenoid valve CDVI5.0-MT2H-1X3GLS-EXT Part number: 547013

FESTO





General operating condition

Valve function 3/2, closed, monostable Actuation type Electrical Standard nominal flow rate 500 l/min Preumatic working port Sub-base Operating voltage 24V DC Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Nominal width 5 mm Exhaust air function With flow control option Sealing principle Soft Manual override Non-detenting Type of control Pilot controlled Pilot air supply port Elow direction Reversible Symbol 0.9991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar B-b value 0.34 C value 2.05 l/sbar Switching time off 0.0 ms witching time off 0.0 ms compressed air as per 150 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) 3 - High corrosion stress Labs (PWIS) conformity VoMA246-B2-L Temperature of medium 5 °C 50 °C Ambient temperature 5 °C 50 °C Product weight 185 g Preumatic connection 1 Sub-base Pheumatic connection 2 Pheumatic connection 3 Sub-base Pheumatic connection 4 Sub-base Pheumatic connection 4 Sub-base Pheumatic connection 3 Sub-base Pheumatic connection 4		
Actuation type Standard nominal flow rate 500 l/min Pneumatic working port Operating port Operating yottage Operating pressure Operating pressure Operating gressure Piston gate valve Reset method Pneumatic spring With flow control option Sealing principle Soft Manual override Non-detenting Pilot air supply port External Flow direction Reversible Symbol Operating varieties Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value O.34 C value O.34 C value Operating medium Compressed air as per ISO 8573-1:2010 [7-4:4] Information on operating and pilot media Operating medium Compressed air as per ISO 8573-1:2010 [7-4:4] Information on operating and pilot media Operating medium Soft Corrosion resistance class (CRC) A-High corrosion stress IAS 9 I	Feature	Value
Standard nominal flow rate Pneumatic working port Sub-base Operating prossure Operating pressure Operating pressure Operating pressure Piston gate valve Reset method Pneumatic spring Nominal width Smm Schaust air function With flow control option Sealing principle Soft Manual override Non-detenting Pilot-controlled Pilot or supply port External Flow direction Reversible Symbol Operating requency at least once a month Pilot pressure 3 bar 8 bar b-value On switching time off On switching time Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operating medium Soft can soft	Valve function	3/2, closed, monostable
Pneumatic working port Operating voltage 24V DC Operating pressure Operating pressure Operating pressure Reset method Pneumatic spring Nominal width Smm Reshaust air function Soft Manual override Non-detenting Type of control Pilot air supply port External Flow direction Reversible Symbol Note on forced dynamization Pilot pressure Switching time off On switching time Operating medium Information on operating and pilot media Operators are filed Corrosion resistance class (CRC) Ambient temperature Product weight Inspection 2 Pneumatic connection 1 Sub-base Pneumatic connection 2 Pneumatic connection 2 Pneumatic connection 2 Pneumatic connection 1 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Actuation type	Electrical
Operating voltage 24 V DC Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Nominal width 5 mm Exhaust air function With flow control option Sealing principle Soft Manual override Non-detenting Type of control Pillot controlled Pillot air supply port External Flow direction Reversible Symbol 00991175 Note on forced dynamization Switching frequency at least once a month Pillot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time off 10 ms 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) 3 - High corrosion stress VDMA27364-B2-L Temperature of medium -5 °C 50 °C Product weight 185 g Type of mounting Pilot amage and possible server in Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Standard nominal flow rate	500 l/min
Operating pressure Operating medium Operating medium Operature Operat	Pneumatic working port	Sub-base
Structural design Piston gate valve Reset method Pneumatic spring Nominal width 5 mm Exhaust air function With flow control option Sealing principle Soft Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol 00991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 I/sbar Switching time off 14 ms On switching time 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium - 5° C 50° C Ambient temperature - 5° C 50° C Froduct weight 185 g Type of mounting Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Operating voltage	24V DC
Reset method Nominal width 5 mm Exhaust air function With flow control option Sealing principle Soft Manual override Non-detenting Type of control Pilot air supply port External Flow direction Reversible Symbol Nose on forced dynamization Switching frequency at least once a month Pilot pressure b-value 0.34 C value 2.05 I/sbar Switching time off On switching time 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium Screw-in Ambient temperature -5 °C 50 °C Froduct weight 185 g Type of mounting Pliot exhaust air port 82/84 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Operating pressure	-0.9 bar 10 bar
Nominal width 5 mm Exhaust air function With flow control option Sealing principle Soft Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol 0991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 I/sbar Switching time off 14 ms On switching time 0 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) 3 - High corrosion stress LaBS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5° C 50° C Ambient temperature -5° C 50° C Product weight 185 g Type of mounting Pliot permantic connection 1 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Structural design	Piston gate valve
Exhaust air function Sealing principle Soft Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Note on forced dynamization Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 I/sbar Switching time off On switching time On switching time On switching time Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operating medium Corrosion resistance class (CRC) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 3 Pneumatic connection 4	Reset method	Pneumatic spring
Sealing principle Manual override Mon-detenting Type of control Pilot controlled Pilot controlled Pilot is supply port External Reversible Symbol Note on forced dynamization Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time On switching time Operating medium Information on operating and pilot media Cornosion resistance class (CRC) 1.3 - High cornosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium 1.5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Preumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Pneumatic connection 4 Sub-base Pneumatic connection 4	Nominal width	5 mm
Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Flow direction Reversible Symbol Oo991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value C value 2.05 l/sbar Switching time off 14 ms On switching time 10 ms 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 ° C 50 ° C Ambient temperature -5 ° C 50 ° C Product weight 185 g Product weight Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4	Exhaust air function	With flow control option
Type of control Pilot controlled Pilot air supply port External Flow direction Reversible Symbol O0991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 Cvalue 2.05 l/sbar Switching time off 14 ms On switching time 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 ° C 50 ° C Ambient temperature -5 ° C 50 ° C Product weight 185 g Flow on thing Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4	Sealing principle	Soft
Pilot air supply port Flow direction Reversible Symbol 00991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation resistance class (CRC) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium 5 ° C 50 ° C Ambient temperature 5 ° C 50 ° C Product weight 185 g Type of mounting Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Pneumatic connection 3 Pneumatic connection 4 Sub-base Pneumatic connection 4	Manual override	Non-detenting
Reversible Symbol 00991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time 10 ms Operating medium Competating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base	Type of control	Pilot-controlled
Symbol 00991175 Note on forced dynamization Switching frequency at least once a month Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time off 10 ms 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Pilot air supply port	External
Note on forced dynamization Switching frequency at least once a month Pilot pressure Devalue Outline Coalue Coalue Coalue Coalue Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) Corrosion resistance class (CRC) Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) Corrosion stress VDMA24364-B2-L Temperature of medium Corrosion stress Corrosion resistance class (CRC) Corrosio	Flow direction	Reversible
Pilot pressure 3 bar 8 bar b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time 10 ms 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4	Symbol	00991175
b-value 0.34 C value 2.05 l/sbar Switching time off 14 ms On switching time off 20 ms Operating medium 20 compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media 20 Operation with oil lubrication possible (required for further use) 20 - High corrosion stress (CRC) 3 - High corrosion stress 20 - High corrosion stress 20 - High corrosion stress 20 - S o C - High corrosion with oil ubrication possible (required for further use) 21 - High corrosion stress 32 - High corrosion stress 33 - High corrosion stress 34 - High corrosion stress 35 - High corrosion stress 35 - High corrosion stress 36 - High corrosion stress 37 - High corrosion stress 37 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39 - New 24364-B2-L 39 - High corrosion stress 39	Note on forced dynamization	Switching frequency at least once a month
C value 2.05 l/sbar Switching time off 14 ms On switching time 10 ms 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4	Pilot pressure	3 bar 8 bar
Switching time off On switching time 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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base	b-value	0.34
On switching time 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) Operation with oil lubrication possible (required for further use) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	C value	2.05 l/sbar
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) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base Pneumatic connection 4 Sub-base	Switching time off	14 ms
Information on operating and pilot media Operation with oil lubrication possible (required for further use) 3 - High corrosion stress LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	On switching time	10 ms
Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Temperature of medium -5 °C 50 °C Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Corrosion resistance class (CRC)	3 - High corrosion stress
Ambient temperature -5 °C 50 °C Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	LABS (PWIS) conformity	VDMA24364-B2-L
Product weight 185 g Type of mounting Screw-in Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Temperature of medium	-5 °C 50 °C
Type of mounting Pilot exhaust air port 82/84 Sub-base Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Ambient temperature	-5 °C 50 °C
Prilot exhaust air port 82/84 Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Product weight	185 g
Pneumatic connection 1 Sub-base Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Type of mounting	Screw-in
Pneumatic connection 2 Sub-base Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Pilot exhaust air port 82/84	Sub-base
Pneumatic connection 3 Sub-base Pneumatic connection 4 Sub-base	Pneumatic connection 1	Sub-base
Pneumatic connection 4 Sub-base	Pneumatic connection 2	Sub-base
	Pneumatic connection 3	Sub-base
Pneumatic connection 5 Sub-base	Pneumatic connection 4	Sub-base
	Pneumatic connection 5	Sub-base

Feature	Value
Note on materials	RoHS-compliant
Seals material	NBR TPE-O
Housing material	Die-cast aluminum