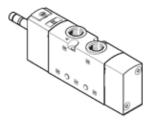
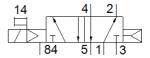
solenoid valve VUVS-L20-M52-AD-G18-F7 Part number: 575249







Data sheet

Valve function 5/2 monostable Valve size 21 mm Standard nominal flow rate 700 //min Operating pressure 2.5 10 bar Design Structure Piston slide Type of reset Air spring Authorisation C.U. us - Recognized (OL) Nominal size 5.7 mm Evaluate - Inction throttleable Sealing principle soft Assembly position Any Manual override detenting detenting Pushing Type of piloting Piloted Plot air supply Internal Flow direction non reversible Overlap Positive overlap by alue 0.35 Cyalue 2.9 //sbar Switching time off 2.9 ms Switching time off 2.9 ms Switching time off 2.700 us Switching medium Compressed air in accordance with 1508573-1:2010 [7:4:4] Nax. negative test pulse with logic 1 2,700 us Operating medium Compressed air in accordan	Feature	Value
Valve size	Valve function	5/2 monostable
Standard nominal flow rate Operating pressure Design structure Piston slide Type of reset Air spring Assembly position Any Manual override Pilot air supply Internal Power the supply Brown the	Type of actuation	electrical
Operating pressure 2.5 10 bar Design structure Piston slide Type of reset Air spring Authorisation c UL us - Recognized (OU) Nominal size 5.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time on 20 ms Max. positive test pulse with logic 0 1,900 μs Max. negative test pulse with logic 1 2,700 μs Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Not on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Shock resistance <	Valve size	21 mm
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Type of reset Authorisation c UL us - Recognized (OL) Nominal size 5.7 mm Eshaust-air function Sealing principle soft Aary Manual override Manual override Pushing Type of piloting Piloted Pilot air supply Internal Flow direction Overlap Positive overlap Davieu 2.9 l/sbar Switching time off Switching time on Max. positive ests pulse with logic 0 Max. positive ests pulse with logic 1 Qperating medium Comperssed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Curbration resistance Shock resistance Shock resistance Medium temperature 1-0 60 °C Medium through the Medium temperature 1-10 60 °C Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-10 60 °C Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-10 60 °C Moderate corrosion stress Medium temperature 1-10 60 °C Moderate corrosion stress Mounting type Mounting type On manifold rail with through hole Optional Scavenging orfice connection Non-ducted Pilot exhaust port 84 M5 Pneumatic connection, port 1 Fneumatic connection, port 4 Gi/8 Pneumatic connection, port 4 Gi/8	Operating pressure	2.5 10 bar
Type of reset Authorisation C UL us - Recognized (OL) Nominal size S-7 mm Exhaust-air function throttleable Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Plot air supply Flot air supply Fl	Design structure	Piston slide
Nominal size S.7 mm		Air spring
Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply Internal Pow direction non reversible Overlap Positive overlap D value 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time on 20 ms Max. positive test pulse with logic 0 1,900 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test supulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 2,700 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse with logic 1 1,900 µs Max. positive test pulse	Authorisation	c UL us - Recognized (OL)
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Feature	Value
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Galvanised steel