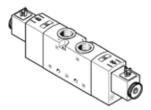
solenoid valve VUVS-LT25-B52-ZD-G14-F8-1C1 Part number: 8035191





Data sheet

	Feature	Value
Valve size 26.5 mm Standard nominal flow rate 1,000 l/min Operating pressure 1.5 10 bar Design structure Poppet seat Authorisation c UL us - Recognized (OL) Protection class IP65 with plug socket to IEC 60529 Nominal size 6.6 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Piloted Pilot air supply external Flow direction non reversible Overlap Underlap Pilot pressure 1.5 10 bar b value 0.2 C value 4.6 l/sbar Switching time reversal 10 ms Duty cycle 100 % Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs Characteristic coil data 24 V DC: 3.3 W Permissible voltage fluctuation 4/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance	Valve function	5/2 bistable
Valve size 26.5 mm Standard nominal flow rate 1,000 l/min Operating pressure 1.5 10 bar Design structure Poppet seat Authorisation c UL us - Recognized (OL) Protection class IP65 with plug socket to IEC 60529 Nominal size 6.6 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Puloted Plot air supply external Flow direction non reversible Overlap Underlap Pilot pressure 1.5 10 bar b value 0.2 C value 4.6 l/sbar Switching time reversal 10 ms Duty cycle 100 % Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs Characteristic coil data 24 V DC: 3.3 W Permissible voltage fluctuation -/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance	Type of actuation	electrical
Design structure		26.5 mm
Design structure	Standard nominal flow rate	1,000 l/min
Design structure Authorisation c UL us - Recognized (OL) Protection class P65	Operating pressure	
Authorisation C UL us - Recognized (OL) Protection class IP65 with plug socket to IEC 60529 Nominal size 6.6 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Flow direction non reversible Overlap Underlap Pilot pressure 1.5 10 bar b value 0.2 C value 3.6 (1/sbar Switching time reversal 10 ms Duty cycle 100 % Max. nogative test pulse with logic 0 3,600 µs Characteristic coil data 24 V DC: 3.3 W Permissible voltage fluctuation 4/- 10 % Note on operating and pilot medium Undersided operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and	, -,	Poppet seat
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942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and	Note on operating and pilot medium	operation)
	Vibration resistance	
60068-2-27	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC 2 - Moderate corrosion stress	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature -10 60 °C		
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]	·	
Ambient temperature -10 60 °C		· · · · · · · · · · · · · · · · · · ·
Product weight 415 g		
Electrical connection Plug pattern type C to EN 175301-803		
Mounting type on manifold rail		
with through hole	mounting type	
Optional		
Scavenging orifice connection Non-ducted	Scavenging orifice connection	



Feature	Value
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
	TPE-U(PU)
Material housing	Aluminium die cast
	Painted
Material screws	Galvanised steel