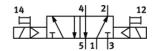
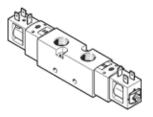
Solenoid valve VUVS-LK30-B52-D-G38-1B2-S Part number: 8049882 ★ Core product range







Data sheet

Type of actuation Type of piloting Type of pil	Feature	Value
Securical Secu	Valve function	5/2 bistable
Valve size 31 mm Standard nominal flow rate 1,600 l/min Operating pressure MPa 0,15 0,8 MPa 1,5 8 bar Design structure Piston slide Protection class IP65 with plug socket to 16 EC 60529 Nominal size 8,1 mm Ethaust-air function Sealing principle	Type of actuation	electrical
Operating pressure MPa Working pressure 1.5 8 bar Design structure Piston slide Protection class Protect	Valve size	31 mm
Operating pressure MPa 0.15 0.8 MPa Working pressure 1.5 8 bar Design structure Piston slide Protection class IP65 With plug socket to IEC 60529 Nominal size 8.1 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Plotted Type of piloting Piloted Plot air supply Internal Flow direction non reversible Lap Positive overlap b value 0.37 C value 7.03 l/sbar Switching time reversal 10 ms Duty cycle 100 % Max. positive test pulse with logic 0 2,500 µs Max. negative test pulse with logic 1 1,100 µs Characteristic coil data 24 ¥ 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	Standard nominal flow rate	1.600 l/min
Working pressure		0.15 0.8 MPa
Design structure Protection class With plug socket to IEC 60529 Nominal size S.1 mm Exhaust-air function Bealing principle Soft Any Manual override Any Manual override Any Manual override Pushing Piloted Pushing Piloted Pilot air supply Internal Ploted Positive overlap Butle Covalue O.37 Covalue O.37 Covalue O.37 Covalue O.37 Covalue O.37 Covalue O.37 Covalue O.38 Switching time reversal Doms Duty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 1.100 µs Characteristic coil data Deprinsible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Urbircated operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 1- Low corrosion stress VDMA24364 zone III Medium temperature S 50 °C PMIS conformity VDMA24364 zone III Medium temperature S 50 °C Product weight Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type with through hole		1.5 8 bar
Protection class P65	· · · · · · · · · · · · · · · · · · ·	Piston slide
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60068-2-27 Corrosion resistance classification CRC 1 - Low corrosion stress PWIS conformity VDMA24364 zone III Medium temperature -5 50 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 50 °C Product weight 392 g Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type on manifold rail with through hole	Vibration resistance	
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Ambient temperature -5 50 °C Product weight 392 g Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type on manifold rail with through hole	Medium temperature	-5 50 °C
Ambient temperature -5 50 °C Product weight 392 g Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type on manifold rail with through hole	Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Product weight 392 g Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type on manifold rail with through hole		,
Electrical connection Plug pattern type B to EN 175301-803 to industry standard (11 mm) Mounting type on manifold rail with through hole	Product weight	
to industry standard (11 mm) Mounting type on manifold rail with through hole		
Mounting type on manifold rail with through hole		
with through hole	Mounting type	
		Optional



Feature	Value
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy
Material Piston slide	Wrought Aluminum alloy