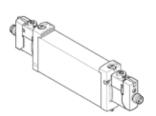
solenoid valve VUVG-B18-P53C-ZT-F-1R8L Part number: 8031546

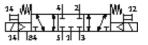
This type is suitable for vacuum.



Data sheet

Feature	Value
Valve function	5/3 closed
Type of actuation	electrical
Valve size	18 mm
Standard nominal flow rate	950 l/min
Operating pressure	-0.9 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	RCM Mark
	c CSA us (OL)
	c UL us - Recognized (OL)
Protection class	IP65
	with plug socket
Nominal size	6.5 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
	Covered
Type of piloting	Piloted
Pilot air supply	external
Overlap	Positive overlap
Pilot pressure	3 8 bar
Switching time off	55 ms
Switching time on	18 ms
Switching time reversal	29 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	700 μs
Max. negative test pulse with logic 1	900 µs
Characteristic coil data	24 V DC: 1 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	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Restriction ambient and medium temperature	-5 - 50 °C Without holding current reduction
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
Medium temperature	-5 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 60 °C

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Feature	Value
Product weight	160 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminium alloy