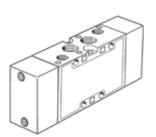
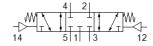
Pneumatic valve VL-5/3G-1/4-B-EX Part number: 536047 Classic - do not use for new projects

5/3-way function, center position closed Modern alternatives can be found by entering the first four characters of the type code in the search field.





FESTO

Data sheet

Valve function 5/3 closed Type of actuation pneumatic Width 32 mm Standard nominal flow rate 1,600 l/min Operating pressure MPa -0.9 1 MPa Working pressure -0.9 10 bar Design structure Piston slide Type of reset mechanical spring CE symbol (see declaration of conformity) according to EU-Ex protection guideline (ATEX) UKCA marking (see declaration of conformity) To UK EX instructions ATEX category Gas II 2G ATEX category Dust Ex h IIC T4 Gb Explosion ignition protection type Gas Ex h IIC T4 Gb Explosion ignition protection type Dust Ex h IIC T130°C Db Explosion-proof ambient temperature -10°C ← Ta ← +60°C Explosion protection certification outside the EU EPL Db (GB) EPL Db (GB) EPL Cb (GB) Nominal size 10 mm Grid dimension 33 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override None Type of piloting direct <th></th>	
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Flow direction reversible Lap Positive overlap Pilot pressure MPa 0.3 1 MPa	
Lap Positive overlap Pilot pressure MPa 0.3 1 MPa	
Pilot pressure MPa 0.3 1 MPa	
Pilot pressure 3 10 bar	
b value 0.38	
C value 6.35 l/sbar	
Max. switching frequency 3 Hz	-
Switching time off 26 ms	-
Switching time on 6 ms	
Switching time reversal 30 ms	-
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)	
Corrosion resistance classification CRC 1 - Low corrosion stress	
PWIS conformity VDMA24364-B1/B2-L	
Storage temperature -40 60 °C	
Medium temperature -40 60 °C	



Feature	Value
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 60 °C
Product weight	375 g
Mounting type	with through hole
Pilot air port 12	G1/8
Pilot air port 14	G1/8
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	NBR
Material housing	Aluminum die cast