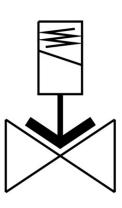
Air solenoid valve VZWF-L-M22C-G2-500-V-3AP4-6-R1

FESTO

Part number: 1492349





Data sheet

Diaphragm valve Force pilot operated Actuation type Electrical Sealing principle Soft Mounting position Magnet, upright Type of mounting Line installation Fitting connection G2 Form A Plug as per EN 175301-803 Rectangular design Nominal width S0 mm Valve function Annual override None Flow direction Medium Compressed air as per ISO 8573-1:2010 [7::] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure 0 bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 10 °C 35 °C Ambient temperature 10 °C 35 °C	Feature	Value
Force pilot operated Actuation type Sealing principle Mounting position Magnet, upright Line installation Fitting connection G2 Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 50 mm Valve function Annual override None Flow direction Medium Compressed air as per ISO 8573-1:2010 [7::-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Other flow media on request Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure Obar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Medium pressure Obar Obar 6 bar Max. viscosity Emperature -10 °C 35 °C Ambient temperature Leak rate to EN 12266-1 A	Type code	VZWF
Sealing principle Soft Mounting position Magnet, upright Type of mounting Line installation G2 Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width So mm Valve function Annual override None How direction Medium Compressed air as per ISO 8573-1:2010 [7::] Inert gas Mineral oil Water Neutral liquids Other flow media on request Annual pressure of fitting PN 40 Oifferential pressure Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Symbol Medium pressure Obar Coil character strice Obar Coil characte	Design	
Mounting position Magnet, upright Line installation G2 Electrical connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width S0 mm Valve function Manual override None Flow direction Medium Medium Compressed air as per ISO 8573-1:2010 [7:-:-] Intert gas Intert gas Mineral oil Water Nominal pressure of fitting PN Obfferential pressure O bar Coil characteristics S230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations Medium pressure O bar Ober 6 bar Medium pressure O bar 6 bar Max. viscosity Differential pressure Different	Actuation type	Electrical
Electrical connection Electrical connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 50 mm 2/2, closed, monostable Manual override None Flow direction Medium Medium Non-reversible Compressed air as per ISO 8573-1:2010 [7:] Inert gas Minieral oil Water Neutral liquids Other flow media on request Obar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations Fymbol Medium pressure O bar Obar	Sealing principle	Soft
Electrical connection Electrical connection Electrical connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 50 mm 2/2, closed, monostable Manual override None Flow direction Non-reversible Medium Compressed air as per ISO 8573-1:2010 [7:] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure O bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations Flow didum pressure O bar 6 bar Medium pressure O bar 6 bar Max. viscosity 22 mm²/s Iemperature of medium -10 °C 80 °C Ambient temperature Leak rate to EN 12266-1 A	Mounting position	Magnet, upright
Form A Plug as per EN 175301-803 Rectangular design Nominal width Valve function Manual override Flow direction Medium Medium Mominal pressure of fitting PN Coli characteristics Coli characteristics Coll characteristics Compressed are 30 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations H/- 10 % Symbol Medium pressure O bar Obar Medium pressure O bar Obar Obar	Type of mounting	Line installation
Plug as per EN 175301-803 Rectangular design Nominal width 50 mm 2/2, closed, monostable Manual override None Flow direction Non-reversible Medium Compressed air as per ISO 8573-1:2010 [7::] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure O bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure O bar Max. viscosity 22 mm²/s Iemperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Fitting connection	G2
Valve function 2/2, closed, monostable None None Flow direction Medium Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Symbol 00992976 Medium pressure 0 bar 22 mm²/s Femperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Electrical connection	Plug as per EN 175301-803
Manual override None Flow direction Non-reversible Compressed air as per ISO 8573-1:2010 [7::-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure O bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure O bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Nominal width	50 mm
Non-reversible Medium Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure O bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure O bar 6 bar Max. viscosity Ze mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Valve function	2/2, closed, monostable
Medium Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure O bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure O bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Manual override	None
Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure 0 bar Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Flow direction	Non-reversible
Differential pressure Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Medium	Inert gas Mineral oil Water Neutral liquids
Coil characteristics 230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Nominal pressure of fitting PN	40
Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Differential pressure	0 bar
Symbol 00992976 Medium pressure 0 bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Coil characteristics	230 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA
Medium pressure 0 bar 6 bar 22 mm²/s Temperature of medium -10 °C 80 °C -10 °C 35 °C Leak rate to EN 12266-1 A	Permissible voltage fluctuations	+/- 10 %
Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Symbol	00992976
Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Medium pressure	0 bar 6 bar
Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1 A	Max. viscosity	22 mm²/s
Leak rate to EN 12266-1 A	Temperature of medium	-10 °C 80 °C
	Ambient temperature	-10 °C 35 °C
Flow rate Kv 28 m³/h	Leak rate to EN 12266-1	A
	Flow rate Kv	28 m³/h

Feature	Value
Standard nominal flow rate	29900 l/min
On switching time	1220 ms
Switching time off	2140 ms
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	Cast stainless steel
Material number of housing	1.4581
Seals material	FPM
Material of screws	High-alloy stainless steel
Material number of screw	1.4301
Product weight	6500 g
Degree of protection	IP65
CE marking (see declaration of conformity)	as per EU pressure equipment directive As per EU low voltage directive
Corrosion resistance class (CRC)	3 - High corrosion stress