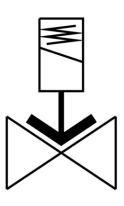
Air solenoid valve VZWF-L-M22C-N2-500-V-2AP4-6

FESTO

Part number: 1492293





Data sheet

Diaphragm valve Force pilot operated Actuation type Electrical Sealing principle Soft Mounting position Magnet, upright Type of mounting Line installation In einstallation In einstallation	Feature	Value
Force pilot operated Actuation type Sealing principle Mounting position Magnet, upright Line installation Fitting connection 2 NPT Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 50 mm Valve function Manual 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 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations */- 10 % Symbol Medium pressure O bar Coil characteristics 110 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 10 °C 80 °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 Fitting connection Form A Plug as per EN 175301-803 Rectangular design Nominal width So mm Valve function Manual 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 Coil characteristics 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Symbol Medium pressure O bar Medium pressure O bar Coil characteristics 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Medium pressure O bar 6 bar Max. viscosity 22 mm²/s Temperature -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Design	
Mounting position Magnet, upright Line installation 2 NPT Form A Plug as per EN 175301-803 Rectangular design Nominal width Valve function Magnet, upright Line installation Form A Plug as per EN 175301-803 Rectangular design Nominal width So mm Valve function Manual override None Flow direction Medium Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Inert gas Mineral oil Water Neutral liquids Other flow media on request Nominal pressure of fitting PN 40 Differential pressure O bar Coil characteristics 110 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 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Actuation type	Electrical
Fitting 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 Relow direction Medium 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 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations Symbol Medium pressure O bar O 999976 Medium pressure O bar Ambient dem pressure O bar 1-0 °C 80 °C Ambient temperature -10 °C 35 °C Ambient temperature -10 °C 35 °C Ambient temperature -10 °C 35 °C	Sealing principle	Soft
Electrical connection Electrical connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 50 mm Valve function Annual override Manual override 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 Differential pressure Coil characteristics 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations Symbol Medium pressure O bar Coil characteristics 10 v AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations 4/- 10 % Symbol Medium pressure O bar 6 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 80 °C Ambient temperature -10 °C 35 °C	Mounting position	Magnet, upright
Form A Plug as per EN 175301-803 Rectangular design Nominal width Valve function 2/2, closed, monostable Manual 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 A0 Differential pressure Coil characteristics 110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure O bar Medium pressure O bar 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	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 110 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 mm²/5 Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C Leak rate to EN 12266-1	Fitting connection	2 NPT
Valve function 2/2, closed, monostable None Manual override 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 Coil characteristics 110 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 0 bar 22 mm²/s Temperature 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 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 Differential pressure O bar Coil characteristics 110 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 110 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	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 110 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	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 110 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 110 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 110 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	110 V AC: 50/60 Hz, initial power 30.0 VA, holding power 30.0 VA
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	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 brass
Material number of housing	CW617N
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)	1 - Low corrosion stress