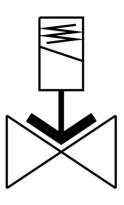
Air solenoid valve VZWF-B-L-M22C-G12-135-2AP4-10-R1

FESTO

Part number: 1492216





Data sheet

Diaphragm valve Force pilot operated Actuation type Electrical 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 J13.5 mm Valve function Manual override None Flow direction Medium Medium Mounting M	Feature	Value
Force pilot operated Actuation type Electrical Sealing principle Soft Mounting position Magnet, upright Line installation Fitting connection G1/2 Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width Also direction Alave function Medium How direction Mounting Pressure O bar Coil characteristics 10 bar Mounting Pressure O bar Coil characteristics 110 VAC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Medium Medium Mounting Pressure O ober 10 bar Medium Medium Mounting Pressure O ober 10 bar Medium Mounting Pressure O ober 10 oc 80 oc Medium Mounting Pressure O ober 10 bar Medium Medium Pressure O ober 10 oc 80 oc Ambient temperature O medium Pressure O medium Pressure O ober 10 oc 80 oc Ambient temperature O medium Pressure O medium Pressure O medium Pressure O ober 10 oc 80 oc Ambient temperature O medium Pressure O medium O oc 35 oc	Type code	VZWF
Sealing principle Mounting position Magnet, upright Line installation G1/2 Form A Plug as per EN 175301-803 Rectangular design Nominal width 13.5 mm Valve function Avalue function 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 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Symbol Medium pressure O bar Oo992976 Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Iemperature of medium -10 °C 80 °C Ambient temperature -10 °C 80 °C	Design	
Mounting position Magnet, upright Line installation G1/2 Form A Plug as per EN 175301-803 Rectangular design Nominal width 13.5 mm Valve function Manual override None Flow direction Medium Moliferential pressure of fitting PN Differential pressure Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Valve function Mog92976 Medium pressure Modium Mominal pressure Mominal pressure O bar Compressed air as per ISO 8573-1:2010 [7:-:-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Volume 10 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations	Actuation type	Electrical
Line installation G1/2 Electrical connection Electrical connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 13.5 mm Z/2, closed, monostable None Flow direction Mon-reversible Compressed air as per ISO 8573-1:2010 [7::-] Inert gas Mineral oil Water Neutral liquids Other flow media on request Obar Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations Fymbol Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Femperature of medium -10 °C 80 °C Ambient temperature -10 °C 80 °C	Sealing principle	Soft
Fitting connection Electrical connection Form A Plug as per EN 175301-803 Rectangular design Nominal width 13.5 mm 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 O bar Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -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 13.5 mm 2/2, closed, monostable Manual override None Flow direction Medium 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 O bar Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Type of mounting	Line installation
Plug as per EN 175301-803 Rectangular design Nominal width 13.5 mm 2/2, closed, monostable Manual override Flow 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 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations 4/- 10 % Symbol Medium pressure O bar 10 bar Medium pressure Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature	Fitting connection	G1/2
Valve function 2/2, closed, monostable 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 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature	Electrical connection	Plug as per EN 175301-803
Manual override Flow direction Medium Mediu	Nominal width	13.5 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 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature	Valve function	2/2, closed, monostable
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 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature	Manual override	None
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 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Flow direction	Non-reversible
Differential pressure O bar Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure O bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Medium	Inert gas Mineral oil Water Neutral liquids
Coil characteristics 110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Nominal pressure of fitting PN	40
Permissible voltage fluctuations +/- 10 % Symbol 00992976 Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Differential pressure	0 bar
Symbol 00992976 Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Coil characteristics	110 V AC: 50/60 Hz, initial power 19.0 VA, holding power 16.0 VA
Medium pressure 0 bar 10 bar Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Permissible voltage fluctuations	+/- 10 %
Max. viscosity 22 mm²/s Temperature of medium -10 °C 80 °C Ambient temperature -10 °C 35 °C	Symbol	00992976
Temperature of medium -10 °C 80 °C -10 °C 35 °C	Medium pressure	0 bar 10 bar
Ambient temperature -10 °C 35 °C	Max. viscosity	22 mm²/s
· · · · · · · · · · · · · · · · · · ·	Temperature of medium	-10 °C 80 °C
eak rate to EN 12266-1	Ambient temperature	-10 °C 35 °C
l' ·	Leak rate to EN 12266-1	A
Flow rate Kv 2.5 m³/h	Flow rate Kv	2.5 m³/h

Feature	Value
Standard nominal flow rate	2660 l/min
On switching time	130 ms
Switching time off	180 ms
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	Cast stainless steel
Material number of housing	1.4581
Seals material	NBR
Material of screws	High-alloy stainless steel
Material number of screw	1.4301
Product weight	1000 g
Degree of protection	IP65
CE marking (see declaration of conformity)	As per EU low voltage directive
Corrosion resistance class (CRC)	3 - High corrosion stress