

Solenoid Valve VZWD-L-M22C-M-N14-50-V-2AP4-5 - Festo 1491963

Item no. FES-1491963

Manufacturer Festo

EAN 4052568107130

Festo valve for fast, reliable control of compressed-air direction and flow.

TECHNICAL DATA

Actuation type	Electrical
Corrosion resistance class CRC	1 - low corrosion stress
Design	Directly controlled poppet valve
Dichtmaterial	FKM
Durchfluss [l/min]	375
Funktion	2/2 geschlossen monostabil
HS-Code	84818079
Medium	Druckluft, Wasser
Mounting position	arbitrary
Nenndruck PN [bar]	100
Nennweite DN [mm]	5
Schutzart	IP65
Serie	VZWD
Temperature (max.)	35
Weight	0.6 kg
Werkstoff	Messing



STANDARDS & COMPLIANCE

EN 175301-803 ISO 8573-1:2010 EN 12266-1

DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

Construction set up	Directly controlled poppet valve
Actuation type	Electrical
Sealing principle	Soft
installation position	arbitrary
Fastening type	pipe installation
Fitting connection	1/4 NPT
Electrical connection	Wiring diagram Form A acc. to EN 175301-803 Plug Square shape acc. to EN 175301-803
Nominal width [mm]	5,0

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Valve function	2/2 closed monostable
Hand assist actuation	none
Flow direction	Not reversible
medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases mineral oil Neutral liquids Water Other media on request
Nominal pressure fitting	100
pressure difference [bar]	0
Coil characteristic value	110 V AC: 50/60 Hz, pull-in power 19 VA, holding power 16 VA
Insulation material class	F
Permitted voltage oscillations	± 10 %
Power-on time	100 %
Reset mode	Mechanical spring
Control type	Direct
Medium pressure [bar]	0 to 5
Max. viscosity [mm²/s]	22
Medium temperature [°C]	-10 to 80
ambient temperature [°C]	-10 to 35
Leak rate to EN 12266-1	A
Flow Kv [m³/h]	0,35
Normal nominal flow [l/min]	375
Shifting time on [ms]	20
Shifting time off [ms]	18
Material information	LABS containing materials included RoHs compliant
Housing material	Brass
Material number housing	CW614N
Seals material	FPM
Product weight [g]	600
Protection category	IP65
Corrosion resistant class KBK	1 - low corrosion stress
CE certificate (see declaration of conformity)	to EU low voltage directive