



2/2-way Solenoid Valve for higher pressures, G 1/4

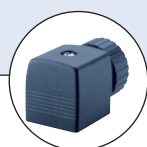
- Pressure range up to 250 bar
- Direct-acting, normally closed and normally open
- Electrical connection cable plug Form A
- Also available with ATEX approval

Type 2200 can be combined with...



Type 1078

Timer unit



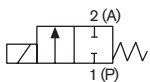
Type 2508

Cable plug

The direct-acting valve Type 2200 is delivered with circuit function normally closed. The valve is especially developed for high pressures.

The characteristic of the valve construction is the seat design and the sealing element. The conical sealing element allows the switching at high pressures with relative low coil capacity and seal setting.

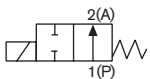
Circuit function A



2/2-way valve, NC

on request

Circuit function B



2/2-way valve, NO

Technical data	
Port connection	G 1/4
Orifice	DN 1.2 - 2.0
Body material	Stainless steel 1.4401
Coil material	Epoxy
Coil insulation class	H
Seal material	Stainless steel/PCTFE
Media	Neutral gases and liquids
Media temperature	-10° to +130°C
Ambient temperature	max. +55°C
Viscosity	max. 21 mm ² /s
Operating voltage	24 V DC, 24 / 230 V / 50 Hz other voltages on request
Voltage tolerance	±10%
Cycling rate	max. 100/min.
Duty cycle	100% continuous rating
Electrical connection	DIN EN 175301-803 Form A for cable plug Type 2508
Protection class	IP65 with cable plug
Installation	As required, preferably with actuator in upright position

Technical data, continued

Power consumption

Voltage AC			Voltage DC
Power consumption			Power consumption
Inrush [VA]	Hold (hot coil) [VA]	[W]	(hot / cold coil) [W]
85	48	14	14 / 18

Response times

Response times	
AC and DC Opening [ms]	Closing [ms]
20-30	20-30

Response times [ms]:

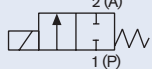
Measured at valve outlet at 6 bar and +20 °C

Opening: pressure build-up 0 to 90%,

closing: pressure relief 100 to 10%

Ordering chart for valves (further versions on request)

Valves with stainless steel body, seal material stainless steel/PCTFE, with cable plug

Circuit function	Port connection	Orifice [mm]	Kv value water [m³/h] ¹⁾	Pressure range [bar] ²⁾	Weight [kg]	Item no. per voltage/frequency [V/Hz]		
						024/DC	024/50	230/50
A 2/2-way valve, NC 	G 1/4	1.2	0.03	0-250	1.22	000 487	000 733	000 474
		2.0	0.09	0-150	1.22	–	000 673	000 630

¹⁾ Measured at +20 °C, 1 bar²⁾ pressure at valve inlet and free outlet.²⁾ Overpressure with respect to atmospheric pressure

i Further versions on request



Port connection

Threaded port G 1/8, NPT 1/4



Circuit function

B normally open



Voltage

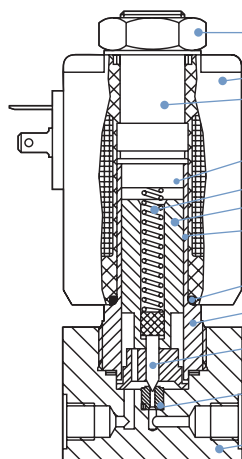
Non-standard voltages



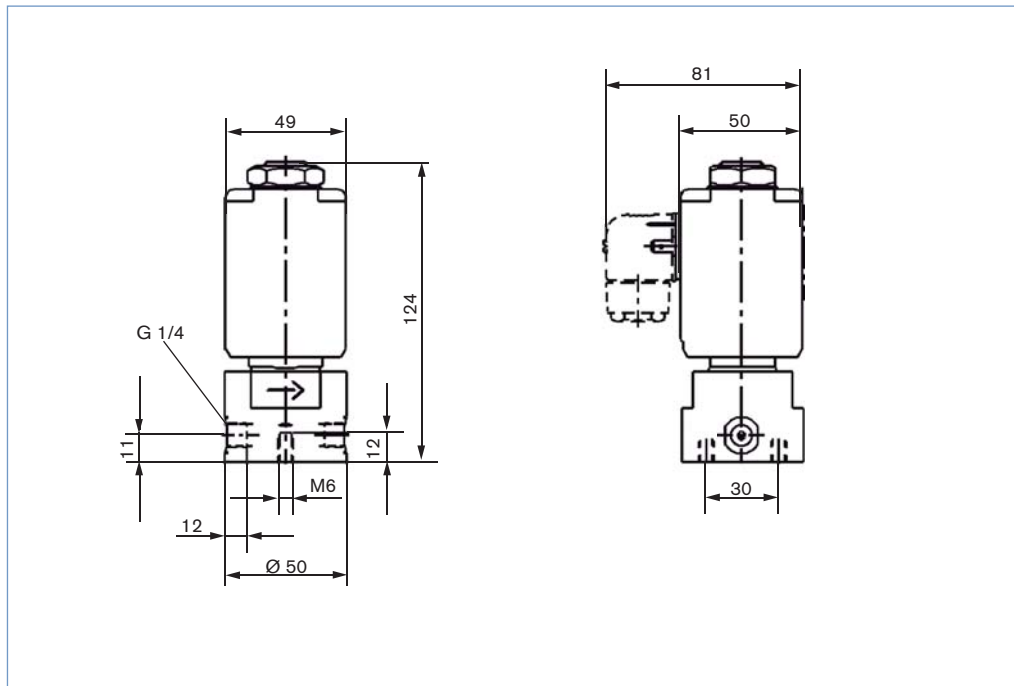
Approvals

ATEX, EEx ed IIC T4

Materials

	Locknut	DIN 176 9Sn Pb 28K thick-film-passivated
	Coil	Epoxy
	Stopper	Stainless steel 1.4105
	Shading ring	Silver
	Spring	Stainless steel 1.4310
	Plunger	Stainless steel 1.4105
	Guide tube	Stainless steel 1.4571
	O-Ring	FKM
	Nipple	Stainless steel 1.4305
	Conical nipple	Stainless steel 1.4571
	Seat	PCTFE
	Body	Stainless steel 316L (1.4401)

Dimensions [mm]



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In case of special application conditions,
please consult for advice.

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