Product Information

Dispense valve, DN 8

series 46.008.104



Description

2/2-way solenoid valve of nominal diameter DN 8 for liquid dispense. This valve is direct controlled and normally closed (NC).

Valves of this design are medium separated seat valves, where the plunger is separated by a diaphragm from the medium. The valve outlet nozzle is removable.

This valve can be manufactured with a variety of customised connections in DC or AC voltage. Low power or PPM triggering can be used.

Electrical operating safety is achieved by PBT coating of the coil and can be supported by an additional protection circuit.

The valve is available in different PSU valve body types and is distinguished primarily by its food grade and hot water capability.

Applications

- hot / cold drink dispensers
- tank or boiler draining
- automatic animal feeding equipment

A.u.K. Müller

Solenoid valves
Control valves
Special valves and systems

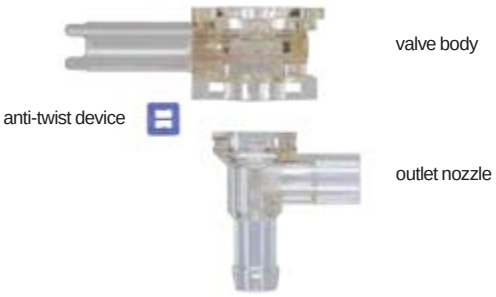
A.u.K. Müller GmbH& Co. KG
Dresdener Str. 162
D-40595 Düsseldorf/Germany

Tel.: +49(0)211-7391-0
Fax: +49(0)211-7391-281

e-mail: info@akmueller.de
http://www.akmueller.de

Characteristics

- direct controlled
- plunger separated by diaphragm from medium
- removable outlet nozzle
- long term performance capability
- flow rate adjustable (flow regulation screw)
- suitable for food and hot water appliances
- works from zero pressure
- similar hydraulic performance for AC or DC types
- other hydraulic connections on request
- complete drainage of valve outlet after shut off
- easy to assemble and service
- coil change without opening of medium circuit, coil can be mounted 4 x 90°
- high operating safety through the use of high quality and 100% final testing of the products
- certificates: UL, NSF, WRAS

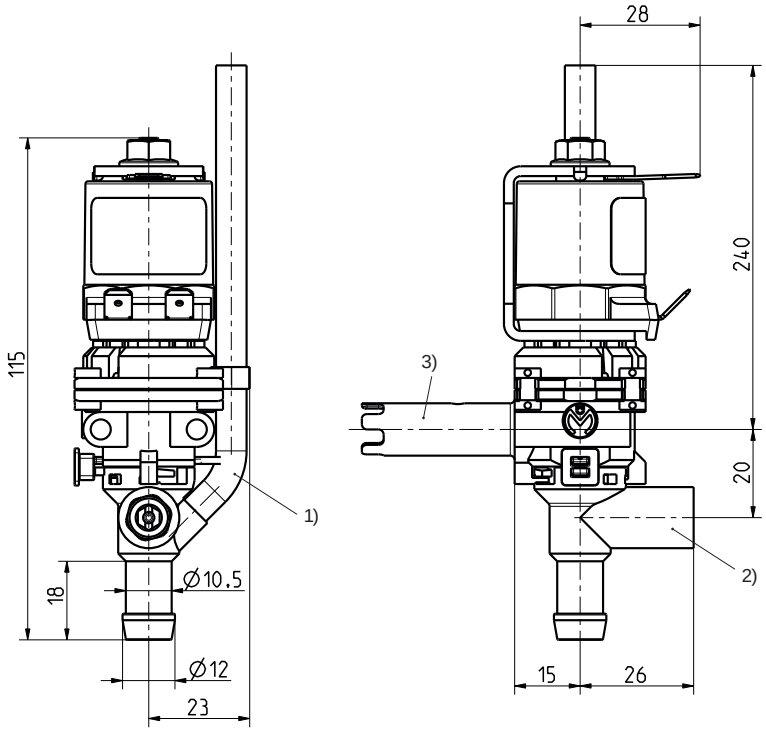


© copyright A.u.K. Müller, technical changes reserved

Dispense valve, DN 8

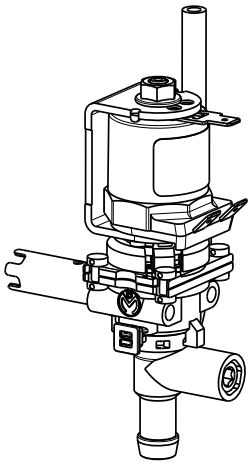
A.u.K. Müller

series 46.008.104



Materials

Valve body	PSU
Plunger guide	stainless steel
Plunger	stainless steel
Membrane	VMQ FMQ (on request)
Sealings	VMQ
Coil coating	PBT, PET or epoxy resin



Technical Data

Type	dispense valve		
Construction	2/2-way single chamber valve inlet ninety degree to the outlet, direct acting		
Function	NC (normally closed)		
Fitting position	coil pointing upwards		
Media	cold and heated potable water and physically and chemically similar media		
T-Medium	98	°C max.	
T-Ambient	70	°C max.	
DN	8	mm	
Flow	adjustable at nozzle		
p-Operating	0 - 60	mbar	
Coil type	MS.006		
Nominal voltagea	230 110 24 24	V AC V AC V AC V DC	50/60 Hz 50/60 Hz 50/60 Hz
	other voltages on request		
Voltage tolerance	+10% -15%		
Duty cycle	AC 50% (cycle 1 min) DC 100%		
Nominal power	9,5 W	16,4 VA (AC only)	
Protection type	IP 00	higher IP-classes on request	
Coil connection	flat tabs 6,3 x 0,8 mm (others on request)		
Insulation class	F	according to EN 60730	
Protection class	I	according to EN 60730 (for incorporation in class I)	

Options

1)	Ventilation of outlet nozzle to drain downstream tubing completely. Different lengths of breather tube on request.
2)	Regulation screw for vernier adjustment of flow.
3)	Different in- and outlet nozzels and boiler sealings on request