

technische import

Productinformatie



A.U.K. MÜLLER GMBH & CO. KG



Direct acting solenoid valve, DN 10 medium separated

Series 01.010.114



Description

This 2/2-way solenoid valve has a 10 mm orifice and is designed for use with potable water and physically and chemically similar media. It is suitable for use in low pressure applications such as controlling flow from a tank and can handle a maximum pressure head of 60 cm.

The valve is direct acting in operation, normally closed (NC) and the internal plunger assembly is separated from the medium.

These valves have a single body chamber. Coils are available in all common voltage and frequency ranges.

A high level of electrical operating safety is achieved through its insulation class F which can be supported by an integral protective circuit.

The use of high quality insulation materials enables a 100 % duty cycle is be achieved, even at high medium temperatures. For example, the valve body is reinforced with glass fibre to enable use with hot water. Protection against corrosion of inner parts exposed to the medium is achieved by a separating membrane.

Applications

dosing systems

- low pressure applications
- cleaning equipment
 - industrial appliances



Solenoid valves Control valves Special valves and systems

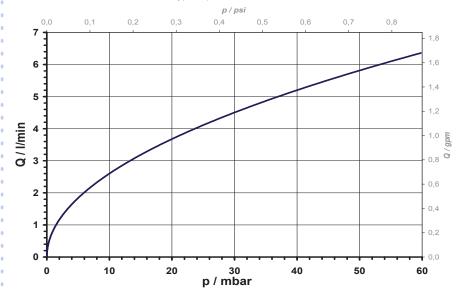
A.u.K. Müller GmbH & Co. KG Dresdener Str. 162 D-40595 Düsseldorf/Germany

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Characteristics

- direct acting
- normally closed (NC)
- internal plunger assembly medium separated
- low pressure range of up to 60 mbar
- solenoid replaceable while medium circuit remains untouched,
- solenoid rotatable 4 x 90°
- suitable for hot water up to 98°C
- long term performance capability
- high operating safety by the use of high quality materials and 100% final testing of the products



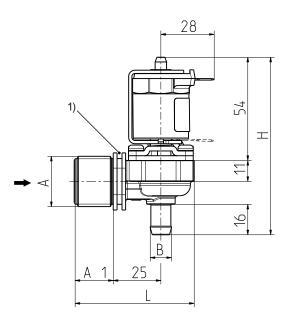
typical performance curve

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A.u.K. Müller

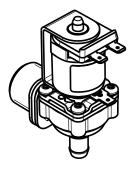
Series 01.010.114



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1) Fixing groove

Materials					
Valve body	PA 66 glass fibre reinforced PPE on request PEI on request (T-medium max. 30 °C)				
Plunger guide	stainless steel				
Plunger and spring	stainless steel				
Membrane and sealings	VMQ EPDM on request				
Coil coating	PBT,PET or epoxy resin				
Filter (inlet)	stainless steel POM on request				



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Protection class I according to EN 60730	Coil connections	plug socket according to EN 175301-803 (IP65), several cable connections			
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	Protection class	EN 60730 (for incorporation in			

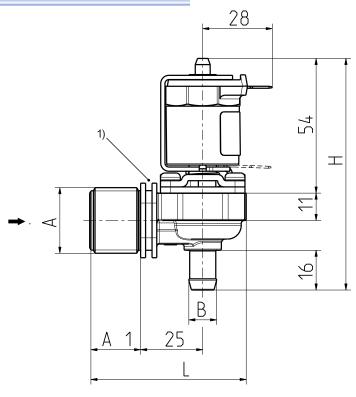


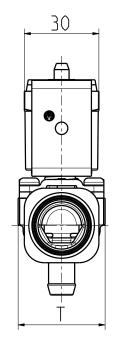






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1) Fixing groove

Material Outlet Length Height Depth Inlet ØВ B1 ØΑ A1 L Н Т PA 66 G 3/4 17,0 63,0 93,0 35,0 20,0 14,5 nozzle PA 66 G 3/4 20,0 11,5 nozzle 16,0 63,0 93,0 35,0 G 3/4 35,0 PPE grey 20,0 14,5 nozzle 17,0 63,0 93,0 PA 66 G 3/4 20,0 14,5 nozzle with 17,0 63,0 93,0 35,0 G 1/8 female Ø 12 PA 66 G 3/4 20,0 G 1/4 x 12 17,0 63,0 93,0 35,0 14,5 nozzle with M10x1 female Ø 12 PA 66 G 3/4 20,0 35,0 17,0 63,0 93,0 G 3/4 14,5 nozzle with 35,0 PA 66 20,0 17,0 63,0 93,0 1/8 NPT female PA 66 G 3/4 20,0 14,5 nozzle 17,0 63,0 93,0 35,0 inner Ø 20 PA 66 G 3/4 20,0 14,5 nozzle with 17,0 63,0 93,0 35,0 inner Ø 20 M10x1x12 female Ø PEI G 3/4 14,5 nozzle 17,0 63,0 93,0 35,0 20,0 PA 66 G 3/4 12,0 14,5 nozzle 17,0 55.0 93,0 35,0 PA 66 G 3/4 20,0 14,5 nozzle internally 17,0 63,0 93,0 35,0 star shaped PPE black .75-11,5NH 20,0 11,5 nozzle 17,0 63,0 93,0 35,0

Options

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