



Service friendly solution for fully automatic coffee machines

We make ideas flow.

bürkert
FLUID CONTROL SYSTEMS

The compact solenoid valve series for your fully automatic coffee machines



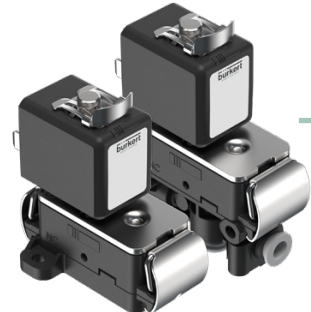
Type 7015 2/2 way

Plunger valve for coffee, steam, water and hotwater
– non media separated



Type 7016 3/2 way

Plunger valve for coffee, steam, water and hotwater
– non media separated



Type 7017 3/2 way

Rocker valve for milk products
– media separated

OPTIMUM INSTALLATION AND RELAXED SERVICE

Bürkert has developed its new solenoid valve series in close cooperation with leading manufacturers of fully automatic coffee machines. Right from the start, the life cycle and service level of the fully automatic coffee machines and the valve were the focus of the new development. In this way, experience from assembly, operation and service of the machine manufacturers could be incorporated into the development of the new solenoid valves. In addition to the technical data, the greatest attention was therefore paid to optimal assembly and safe maintenance during operation. The new valve series is characterised by its trend-setting service concept.



Smaller & more compact machines

Drill holes, clips and mounting brackets with snap-in function support compact assembly and guarantee access for service personel.



Minimise service times

The fluid housing of the diaphragm valve can be easily opened by means of a quick release fastener. The diaphragm can thus be inspected or replaced. The well-known ski-shoe technique enables the fluidics to be closed securely after servicing.



Cost-saving service

Maintenance must be carried out safely, easily and without tools. Wear parts which can be quickly replaced, such as armatures or diaphragms in the valves, reduce service time and machine downtime and secure sales.



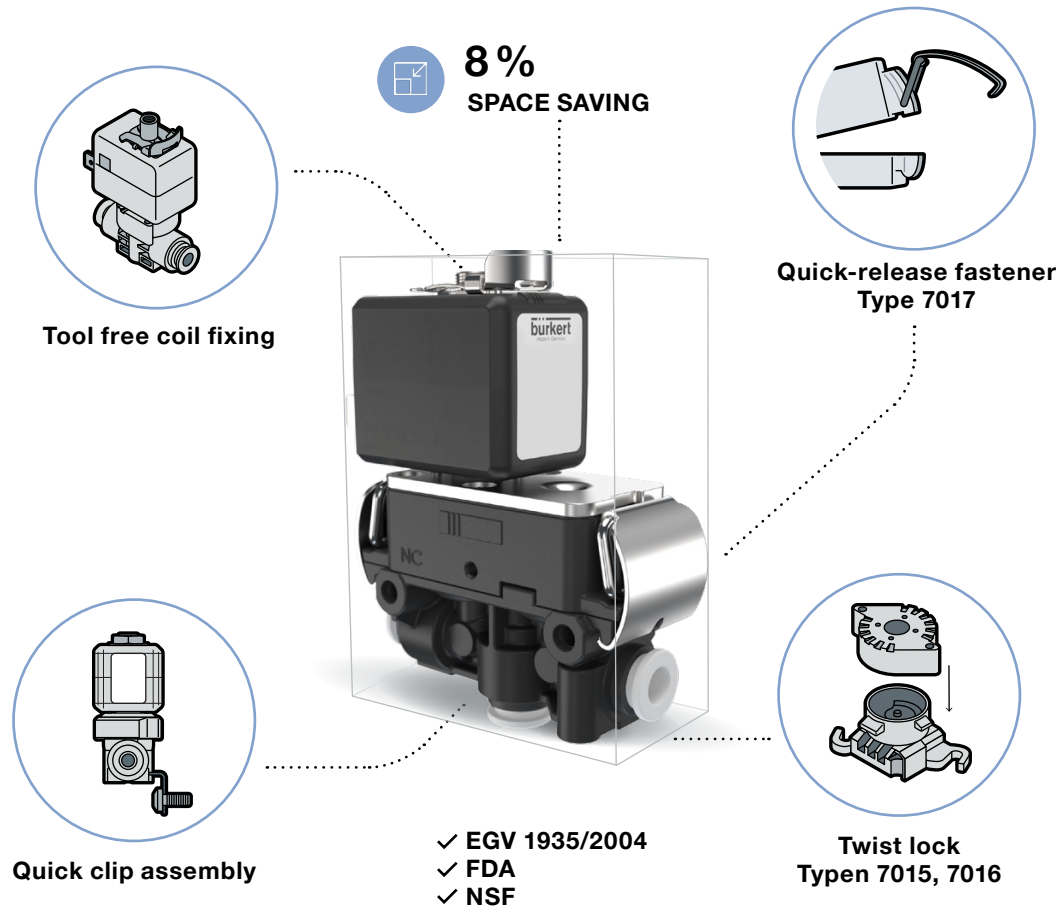
Tools and screws tool-free coil mounting

For screwed solenoid valves, tools are required for servicing. The disadvantage - screws not only have to be tightened time-consumingly with a torque, they can also get lost in the machine. With our tool-free coil fastening, you save time and nothing can get lost.



Water, coffee and other liquids e.g. cleaning agents

Highly resistant elastomers made of FKM and EPDM stand for leakage safety, plastic parts made of PPS and stainless steels guarantee pressure - and corrosion safety for long-term operation.



Example calculation for a system made of 2 valves

	Conventional solenoid valves	Bürkert solution
	60 seconds Removing the coil (2x)	20 seconds Removing the coil (2x)
	300 seconds Removing the diaphragm	120 seconds Removing the diaphragm
	180 seconds Opening the fluidics to replace the plunger / the seal	30 seconds Opening the fluidics to replace the plunger / the seal
	370 seconds = ca. 6 minutes	of time saved during a service visit and maintenance of 2 valves.
	6 minutes x 2500 systems =	
	250 hours	Time saved by your service per year.

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