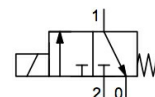


3/2-Way solenoid valve - direct-acting Series 31L

Connection "0"



de-energized closed

Design type	3/2-way solenoid valve with elastic seal, direct-acting, normally closed (de-energized closed)
Connection	G1/4" according to ISO228/1
Materials	Body and Guide tube Stainless steel 1.4401, Internal parts Stainless steel similar 1.4104, Seal FKM, Gold-plated shading ring
Mounting type	Installation in rigid piping system or via mounting thread
Mounting position	any
Application range	gaseous and liquid media that do not attack the materials used
Viscosity	max. 53mm ² /s (cst)
Switching time	10...30ms
Medium temperature	depending on the sealing material and Solenoid coil
Ambient temperature	see table "Solenoid coils"

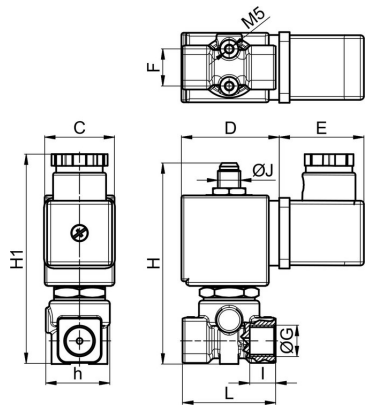
Electrical data:

Coil type	Type BDA, Connector width 32mm (Standard coil) Type BDV, Connector width 32mm (Coil for humid environment)
Electrical connection	connector according to EN175301-803 form A (see separate data sheet)
Voltage type	AC and DC voltage
Standard voltage	230V/50-60Hz, 24V/50-60Hz, 24VDC
Special voltages	12...380V/50Hz or 60Hz, 12...220VDC
Permissible voltage fluctuation	AC +10%/-15% DC +10%/-5%
Power consumption	see table "Power consumption of the solenoid coils"
Duty cycle	100% Duty cycle (continuous operation)
Degree of protection	IP65 according to EN 60529 with properly mounted device connector (protection against dust ingress and water jets)
Application note	When ordering, please specify voltage and type of current. We recommend always installing a strainer upstream to prevent malfunctions in the event of contamination of the medium. These valves can also be used for rough vacuum applications.





Dimensions



Connection G	Nominal size DN[mm]	C	D	E	F	h	H	H1	I	J Connection "0"	L	Pressure range [bar]		Kv value [m³/h Water]	Weight [approx. kg]	Coil	Type
												AC	DC				
G1/4"	3	30	42	36	16	28	88	91	7	G1/8"	39	0-5	0-5	0,24	0,32	BD.	31L2A1V30

Illustrations non-binding
Design, dimensional and material changes reserved

Armatures / Solenoid valves for liquids and gases / 3/2-way solenoid valves - directly operated / 3/2-way solenoid valve Series 31L