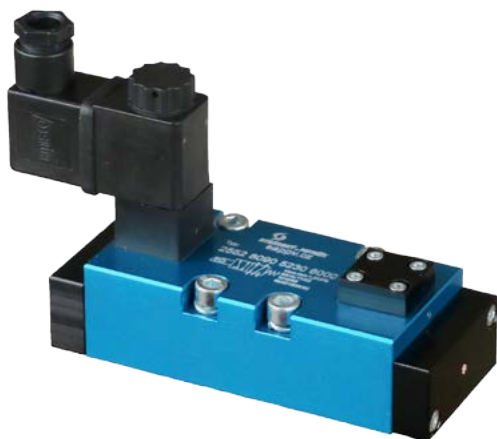


SOLENIOD ACTUATED VALVES SERIES KI ISO 5599/1 COMPACT






Our new solenoid actuated valve series KI is based on the classic ISO series, but has higher flow rate and is also highly economical, compared to the ISO 5599/1 Compact series. Air pilot is used for valve actuating, so it is an indirectly actuated valve. The valves are mounted on base plates standardized according to ISO. The coils and pilot valves are common with the K series. Coil can be rotated to best suit the application. Valves can be used on the base plate individually or mounted as a group assembly.

Valves of the KI ISO 5599/1 Compact series contain a spool and slide assembly, which guarantees a long service life of the valve.

Series	KI ISO 1 Compact	KI ISO 2 Compact
Flow capacity [Nl/min]	1200	2800
Working pressure [MPa]	0.15 to 1.0 (vacuum up to 2.1 MPa when external air pilot supply is used)	
Pilot pressure range [MPa]	0.15 to 1.0	
Power input [W, VA] (standard coils)	3W for DC voltage, 7.5VA inrush and 5VA hold for AC voltage	
Response time energize / de-energize [ms]	20 / 35	
Temperature range [°C]	medium temperature max. 50, ambient temperature -20 to +50	
Enclosure (standard coils)	IP65 with sealed and fastened connector	

Order codes

25 528090 52 60 6 000

Function		Size		Voltage		Series	
52 80 90		51	series ISO 1 Compact (only for series K5)	30	24 V DC ± 10%	5	K5 (only for size ISO 1)
52 80 80		52	series ISO 2 Compact (only for series K6)	40	24 V AC ± 10% 50-60 Hz	6	K6 (only for size ISO 2)
53 80 80				50	110 V AC ± 10% 50-60 Hz		
				60	230 V AC ± 10% 50-60 Hz		
				31	24 V DC ± 10% ATEX II 2G(D)		

Construction / materials

- body: aluminium alloy
- spool and sleeve assembly: hardened stainless steel
- main valve sealing: NBR
- pilot valve sealing: Viton®

i Supply contains connector(s).

