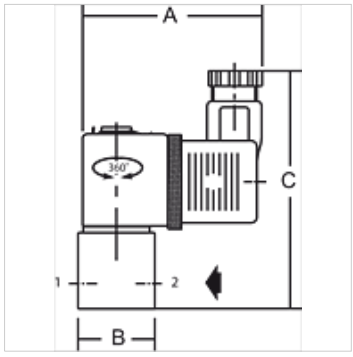
K-PROP VENTIL LU GA 24 V DC

Proportional valves for controlling the flow of air / gas, 24 VDC, closed when de-energised

Properties

Temp. range	Max. 50 °C (G 1/8), Max. 90 °C (G 1/4, G 3/8)
Media	Air, neutral gases, water, oil
Pressure range	Vacuum (max. 8 bar)
Piloting	Via plug amplifier 0 to 10 V, 0 to 20 mA, 4 to 20 mA
behaviour failsafe	Tight closure in case of loss of voltage
Housing, valve seat	Brass
Internal parts	Stainless steel
Valve disc	FKM
Sealant	FKM





Note

Further information on request

Description

Ever increasing requirements with regard to quality, precision, productivity, convenience, user friendliness and service represent tough challenges for industrial plant and production facilities. These challenges can only be mastered if physical quantities such as temperature, pressure, force, speed, torque, etc. are optimally adapted to the operating conditions of each installation. Stepless adjustment of these parameters is vital.
Proportional valves allow the medium to be varied as a function of an electronic input variable.
By linking these valves to the electronics, it is possible to improve their accuracy and broaden their range of applications. A pressure regulator, for instance, needs to be suitable for several pressure ranges without having to adjust the pressure manually.
Proportional valves control the output pressure in a closed control loop proportionally to the selected setpoint signal. This output pressure, in other words, is continually compared with the specified setpoint and automatically adjusted according to actual parameter values.

Additional information

We recommend combining these proportional valves with a plug amplifier, type K-07250999 or K-07251000
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Item

Identification	Connection	DN	max. operating differential pressure difference (bar)	A (mm)	B	C (mm)
K- 07 25 09 91	G 1/4	2	8	85,0	40.0 mm	95,0
K- 07 25 09 92	G 1/4	3	4	85,0	40.0 mm	95,0
K- 07 25 09 93	G 3/8	6	1	85,0	48.0 mm	97,0
K- 07 25 09 94	G 3/8	7	1	85,0	48.0 mm	97,0

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.