

## 10 mm micro proportional valve

2/2 – way solenoid valve, for flow rate control, NC

### AKV SERIES



#### APPLICATION

This compact micro proportional valve is suitable for controlling the flow rate in the smallest of fluid systems.

#### FEATURES

- Compact design, just 10 mm wide
- Flow rate of up to 7 l/min
- Operating pressure of up to 7 bar
- Extremely low power consumption
- Oxygen-compatible

### SPECIFICATIONS

TECHNICAL SPECIFICATIONS	AKV SERIES
Function	2/2-way, NC, directly controlled
Medium	Compressed air
Operating pressure	-1 ... 7 bar
Flow rate	0 ... 7 NI/min (@ 6 bar)
Effective cross-sectional area	0 ... 0.08 mm2
Lubrication	Not supported
Operating temperature	-5°C ... 50°C
Fluid temperature	-5°C ... 50°C
Internal leakage	3 cm3/min
External leakage	1 cm3/min
Reproducibility	20%
ELECTRICAL SPECIFICATIONS	
Regulating range	0 ... 57 mA (with 25 mA opening point)
Power consumption	0.6 W
Voltage	12 V DC
SPECIAL DESIGNS AVAILABLE ON REQUEST	