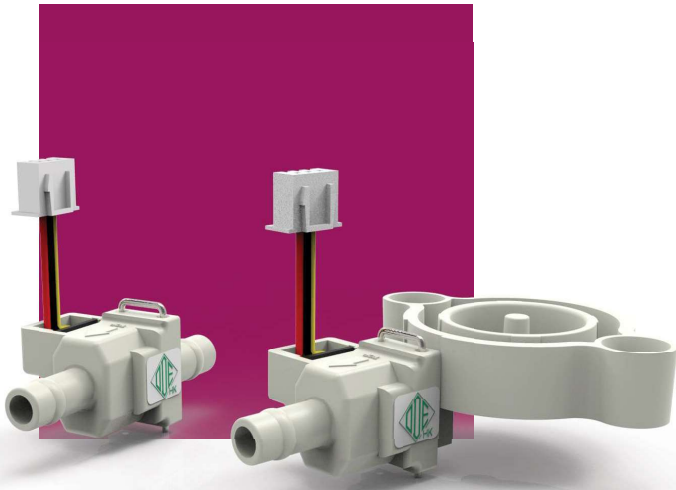


AK66 SERIES

Flowmeters

AK66 series flowmeters are reliable products for the measurement of the flowrate in the circuit. They can work with low pressure fluid at ambient temperature. Their extremely compact design allows to use the component in applications in which the space is limited. It is also possible to develop a solution with flowmeter integrated in the water tank holder.



TECHNICAL DATA

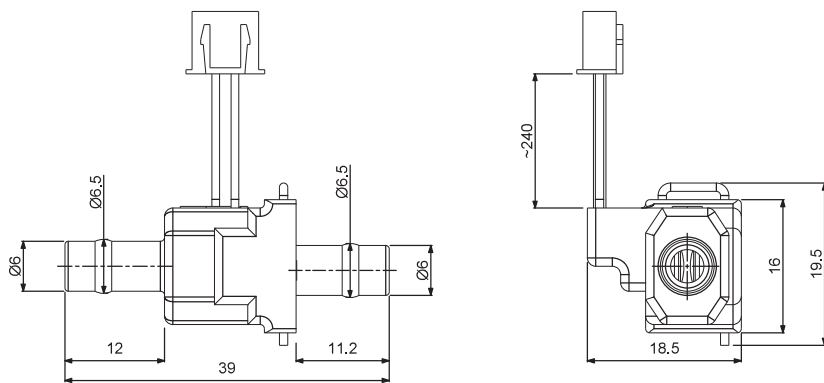
CONNECTOR	Ø 6 mm inlet / outlet
PRESSURE	-1 ÷ 0.3 bar
FLUIDS	water
OPERATING TEMPERATURE	-10°C ÷ +65°C
MOUNTING	Horizontal position
NOZZLE SIZE	1,5 mm
FLOW RATE	see table
MEASURING ACCURACY	± 5% (reference value valid for optimal testing conditions)
CONNECTOR	XHP-3 Equivalent
SUPPLY VOLTAGE	3.8 ÷ 20 V DC
CONSUMPTION	8 mA max
SIGNAL VOLTAGE	Taken from Ground
LEAKAGE CURRENT	10 µA max
SIGNAL LOAD	20 mA max
SIGNAL	Square wave
DUTY CYCLE	50%

MATERIALS

FLOW METER BODY	PP 30% GF
SEAL	silicone
TURNER	PP 30% GF
MAGNET	Ferrite

	CODE	NOZZLE (mm)	PULSES/LITRE	MIN FLOW RATE AT LINEAR START [l/min]	MAX FLOW RATE [l/min]
STANDARD VERSION	AK66-01R	Ø 1,5	9804	0,070	1,200

- The values indicated are obtained on the test bench in ideal conditions.
- Due to differences of medium, circuit or installation of the product these values can be slightly different.
- Calibration of number of pulses/litre is recommended for different installations.



Accessories ■ Flowmeters ■ **AK66 SERIES**

