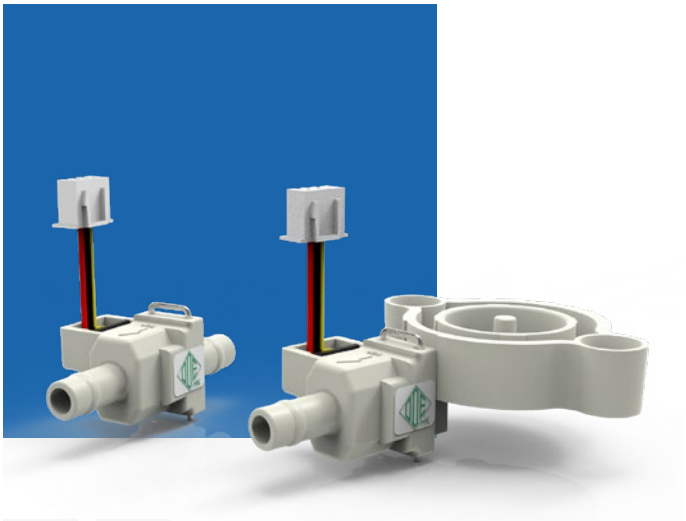


AK66 SERIES

Flowmeter

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.

HIGHLIGHTS

Very Compact design

CODE	DESCRIPTION
AK6601R (Standard version)	51 ml/500 impulse
AK6602R (Integrated version)	63 ml/500 impulse

TECHNICAL FEATURES

ELECTRICAL CONNECTION

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%

OPERATING CONDITIONS

FLOW RATE	0.070-1.200 liters/min
MEASURING ACCURACY	± 5% (reference value valid for optimal testing conditions)
OPERATING FLUID	water
OPERATING TEMPERATURE	-10°C ÷ +65°C
OPERATING PRESSURE	-1 ÷ 0.3 bar
MOUNTING	Horizontal position
CONNECTOR	Ø 6 mm inlet / outlet
NOZZLE SIZE	Ø 1,5 mm

MATERIAL

FLOW METER BODY	PP 30% GF
SEAL	silicone
CONNECTOR	XHP-3 Equivalent
TURNER	PP 30% GF
MAGNET	Ferrite

TECHNICAL DRAWINGS

