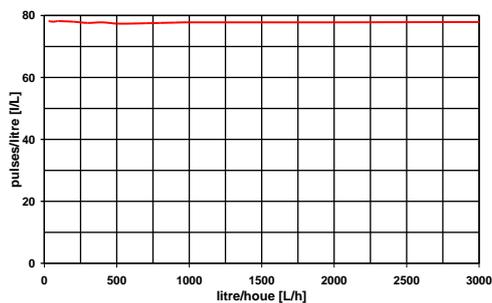


Flow Sensor 72.04 & 72.05

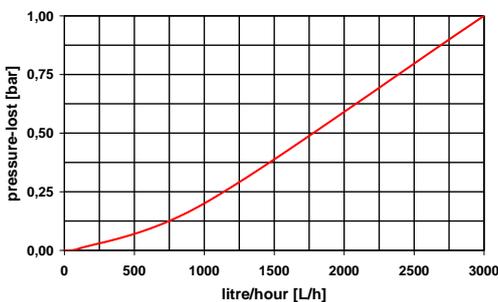


Square wave

K-Factor:



Pressure lost:



Electrical connection:

PIN 1 → +4,5 ... 24 V_{DC} (VDC)
PIN 2 → Signal
PIN 3 → Masse (GND)

Technical specifications:

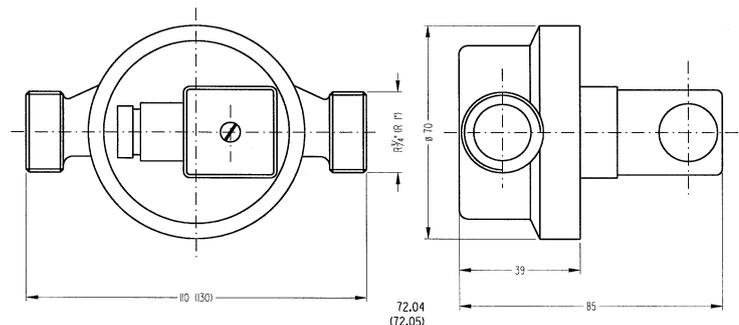
Flow range:	72.04: 30 ... 3.000 l/h (H ₂ O bei 21 °C) 72.05: 50 ... 5.000l/h
Measuring range:	72.04: 50 ... 3.000 l/h 72.05: 100 ... 5.000 l/h
measuring principle:	speed measurement
Sensing principle:	halleffect, non-contacting
Output waveform:	square wave
viscosity:	ca. 1 ... 10 cST
accuracy:	+/-2 % with same operation conditions
repeatability:	< 0,8% with same operation conditions
flow direction:	at arrow direction
operating/burst pressure:	max. 10 bar / >25 bar
operating temperature:	-10 ... 80 °C
Installation position:	horizontally in direction of arrow → best ventilation
Bearing:	center punch bearing
Hydraulic connection:	2 x 3/4" (type: 72.04) or 2 x G1" (type: 72.05)
Electrical connection:	output type: push/pull power supply: 4,5 ... 24 V _{DC} output current: max. 11 mA by 24 V _{DC} PIN 1 → +4,5 ... 24 V _{DC} (VDC) PIN 2 → Signal (OUT) PIN 3 → earth (GND) cubic plug EN 175301-803A

Materials

Housing/Rotor: Brass / Nylon
Shaft/Bearing: Stainless steel / Nylon
Magnets: Ceramic bounded
Seal: NBR

Weight: ca. 500 g

Drawing:



Safety instructions:

Attention! Please examine the stability of the used materials regarding the chemicals used by you.

Our flow meters may not be used as exclusive means for the prevention of dangerous conditions at machines and plants. Machines and plants must be designed in such a way that incorrect conditions cannot lead to an dangerous situation for the service personnel. The flow meter may only used of qualified personnel, excluding technical data according to which are used. Qualified personnel are persons, who are familiar with the list, assembly, start-up and enterprise of this equipment and over one its activity corresponding the qualification orders.

Type 72.04 3/4"
KA90268

Type 72.05 1"
KA90269

industry flow sensor