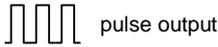
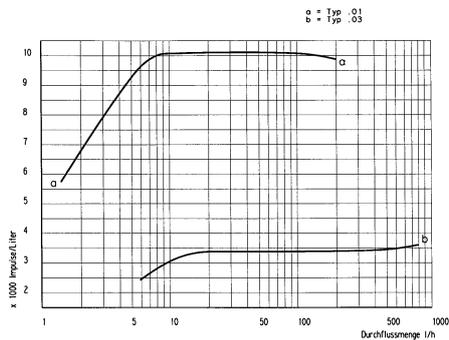


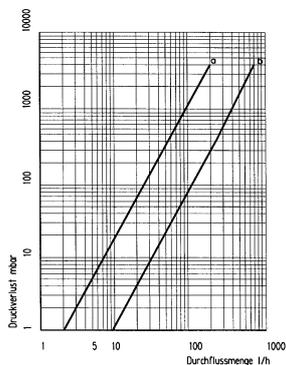
# Flow Sensor 79.01 + 79.03 (1/4" or 5/8")



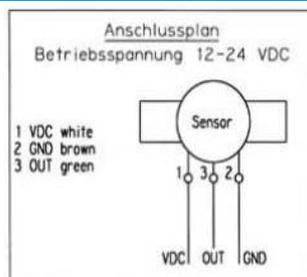
## pulse curve:



## pressure loss curve :



## electrical connection :



## Technical Details :

<b>flow range:</b>	type 79.01: 1,5 ... 100 l/h (H <sub>2</sub> O at 22 °C) type 79.03: 6,0 ... 250 l/h
<b>measuring range:</b>	type: 79.01: 6,0 ... 100 l/h type 79.03: 15 ... 200 l/h
<b>viscosity:</b>	approx. 1 ... 10 cST
<b>measurement accuracy:</b>	+/-2 % under same operating conditions
<b>repeatability:</b>	< 0,8 % under same operating conditions
<b>flow direction:</b>	in arrow direction
<b>operating/burst pressure:</b>	10 bar / > 30 bar (at 22°C)
<b>operating temperature:</b>	-10 ... +80°C (special model: +100°C)
<b>installation position:</b>	any, vertically in arrow direction best ventilation
<b>measuring principle:</b>	volume/speed measurement
<b>sensing principle:</b>	non-contacting
<b>output signal:</b>	square wave
<b>hydraulic connection:</b>	2 x 1/4" or 2x 5/8" UNF male
<b>electric connection:</b>	12 - 24 V <sub>DC</sub> / I - out 11 mA max at 24 V <sub>DC</sub> output current: max. 11 mA at 24 V <sub>DC</sub> 3 x 0,14° LiYY, length standard 5 m earth = brown, +Vcc = white, Signal = green

## materials

<b>housing/rotor</b>	ECTFE
<b>magnets</b>	capped in ECTFE
<b>o-ring</b>	Viton or EPDM or Kalrez

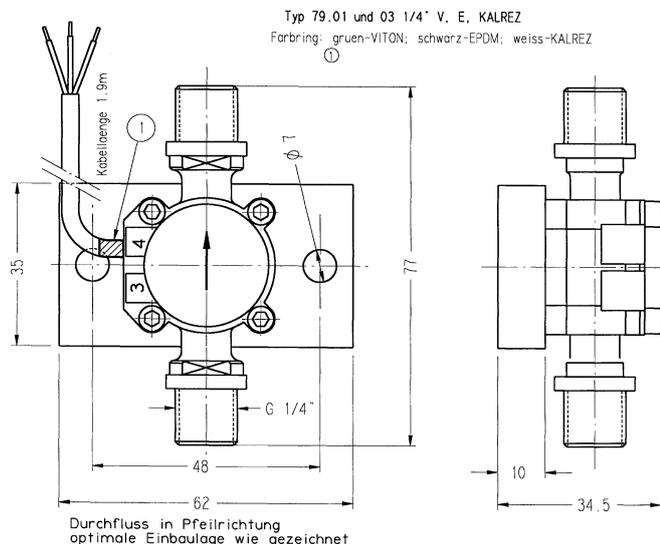
## IP rating

IP 65

## weight:

approx. 50 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 a dangerous situation for the service personnel. The flow meter may only be used by 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 79.01 1/4"** | **Type 79.01 5/8"**  
Art.no. **KA91111** | Art.no. **KA91112**

**Type 79.03 1/4"** | **Type 79.03 5/8"**  
Art.no. **KA91113** | Art.no. **KA91114**

version **KALREZ**  
upon request

industry flow sensor