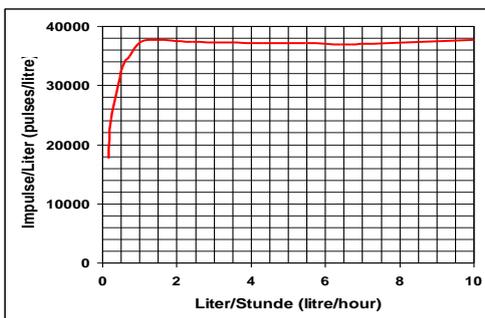




pulse output

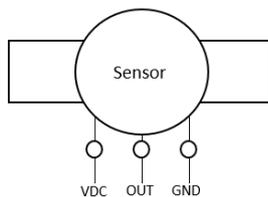
pulse curve:



pressure loss curve :

electrical connection :

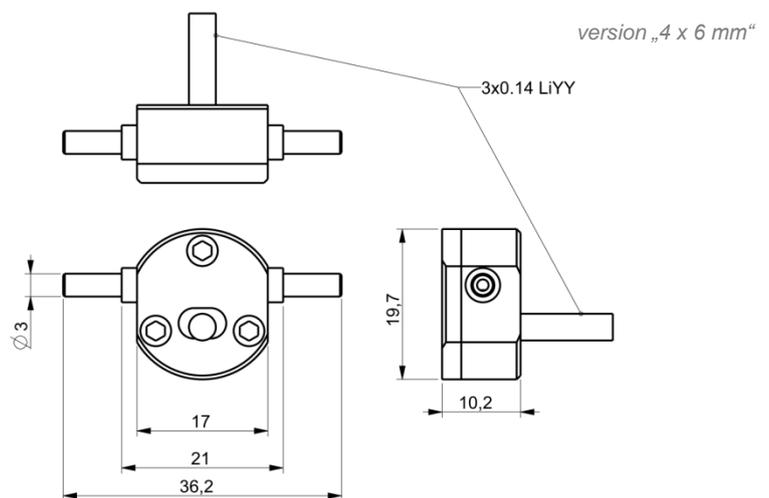
VDC	white
GND	brown
OUT	green



Technical Specifications :

flow range:	0.2 ... 10 l/h (H ₂ O at 21 °C)
measuring range:	1... 10 l/h (H ₂ O at 21 °C)
viscosity:	approx. 1 ... 10 cST
measurement accuracy:	+/- 2 % under same operating conditions
repeatability:	< 0,8 % under same operating conditions
flow direction:	horizontal at arrow direction, refer to drawing
operating/burst pressure:	max. 6 bar / > 15 bar
operating temperature:	-10 ... 80 °C
installation position:	any, best ventilation horizontally in direction of arrow
measuring principle:	volume/speed measurement
sensing principle:	non-contacting
output signal:	square wave
hydraulic connection:	tube connection 4x6 mm <u>or</u> 1/8" fem.
electric connection:	output type: NPN power supply: 4,5 ... 24 V _{DC} output current: max. 11 mA at 24 V _{DC} white strand → +4,5 ... 24 V _{DC} (VDC) brown strand → Masse (GND) green strand → Signal (OUT) 5 m fixed cable connection (3 x 0,14 mm ² LiYY)
materials	<i>version ECTFE</i> <i>version POM</i>
housing + rotor:	ECTFE POM
nozzle:	ECTFE POM
shaft / bearing:	Saphir / ECTFE Saphir / POM
magnets:	in ECTFE capped in POM capped
seal (optional):	FKM/Viton or EPDM <i>[options: Kalrez[®] upon request]</i>
weight:	approx. 55 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.R1 D05 (ECTFE/4x6)
art.no.: KA91402EN

Type: 72.R1 D05 (POM/4x6)
art.no.: KA91403EN

Type: 72.R1 D05 (POM/industry 1/8")
art.no.: KA91404EN