

## Att hyra – Portabel flödesmätare

Hyr Flexims ultraljudsflödesmätare ADM F601 från OmniProcess. Den är både portabel och beröringsfri, dvs. den monteras utanpå befintligt rör. En perfekt lösning för tillfälliga mätningar eller kontroll av befintliga flödesmätare.

Välj mellan F601 flödesmätning och F601 Energi/Flödesmätning.

### Fördelar

- Vid tillfälliga mätningar
- Kontrollera befintliga flöden
- Energoptimera er anläggning
- Kontrollera att era befintliga mätare ger rätt värden
- "Clamp-on" – sensorerna monteras utanpå röret
- Ingen åverkan på rören
- Snabbt montage



### Ekonomisk

- Ingen stor investering behövs
- Prova innan köp
- Kontrollera om era befintliga rör klarar av en utbyggnad
- Klarar nästa alla medier
- Ingen läckagerisk



### Kostnad

- 2 000,- i startavgift
- F601 Flödesmätning: 7 400,- per vecka
- F601 Energi/Flödesmätning: 9 300,- per vecka

<b>measurement</b>	
measuring principle	transit time difference correlation principle, automatic NoiseTrek selection for measurements with high gaseous or solid content
flow velocity	0.01...25 m/s
repeatability	0.15 % of reading $\pm 0.01$ m/s
accuracy <sup>1</sup>	
with standard calibration	$\pm 1.6$ % of reading $\pm 0.01$ m/s
with extended calibration (option)	$\pm 1.2$ % of reading $\pm 0.01$ m/s
with field calibration <sup>2</sup>	$\pm 0.5$ % of reading $\pm 0.01$ m/s
medium	all acoustically conductive liquids with < 10 % gaseous or solid content in volume (transit time difference principle)
<b>flowmeter</b>	
power supply	100...240 V/50...60 Hz (power supply), 10.5...15 V DC (socket at flowmeter ) or integrated battery
battery	Li-Ion, 7.2 V/4.5 Ah operating time (without outputs, inputs and backlight): > 14 h
power consumption	< 6 W
number of flow measuring channels	2
signal damping	0...100 s, adjustable
measuring cycle (1 channel)	100...1000 Hz
response time	1 s (1 channel), option: 70 ms
material	PA, TPE, AutoTex, stainless steel
degree of protection according to EN 60529	IP 65
weight	1.9 kg
fixation	QuickFix pipe mounting fixture
operating temperature	-10...+60 °C
display	2 x 16 characters, dot matrix, backlit
menu language	English, German, French, Dutch, Spanish
<b>measuring functions</b>	
physical quantities	volume flow, mass flow, flow velocity, heat flow (if temperature inputs are installed)
totalizers	volume, mass, option: heat quantity
calculation functions	average, difference, sum
<b>data logger</b>	
loggable values	all physical quantities and totaled values
capacity	> 100 000 measured values

<sup>1</sup> for transit time difference principle, reference conditions and  $v > 0.15$  m/s

<sup>2</sup> reference uncertainty < 0.2 %

<b>FLUXUS</b>	<b>F601</b>
<b>communication</b>	
interface	RS232/USB
<b>serial data kit</b>	
software (all Windows™ versions)	- FluxData: download of measured data, graphical presentation, conversion to other formats (e.g. for Excel™) - FluxKoeff: creating medium data sets
cable	RS232
adapter	RS232 - USB
<b>outputs</b>	
	The outputs are galvanically isolated from the flowmeter.
number	see standard scopes of supply on page 9, max. on request
accessories	output adapter (if number of outputs > 4)
<b>current output</b>	
range	0/4...20 mA
accuracy	0.1 % of reading $\pm 15$ $\mu$ A
active output	$R_{ext} < 200 \Omega$
passive output	$U_{ext} = 4...16$ V, dependent on $R_{ext}$ $R_{ext} < 500 \Omega$
<b>frequency output</b>	
range	0...10 kHz
open collector	24 V/4 mA
<b>binary output</b>	
optorelay	32 V/100 mA
binary output as alarm output - functions	limit, change of flow direction or error
binary output as pulse output - pulse value - pulse width	0.01...1000 units 1...1000 ms
<b>inputs</b>	
	The inputs are galvanically isolated from the flowmeter.
number	see standard scopes of supply on page 9, max. 4
accessories	input adapter (if number of inputs > 2)
<b>temperature input</b>	
designation	Pt100/Pt1000
connection	4-wire
range	-150...+560 °C
resolution	0.01 K
accuracy	$\pm 0.01$ % of reading $\pm 0.03$ K
<b>current input</b>	
range	passive: -20...+20 mA
accuracy	0.1 % of reading $\pm 10$ $\mu$ A
passive input	$R_i = 50 \Omega$ , $P_i < 0.3$ W
<b>voltage input</b>	
range	0...1 V
accuracy	0.1 % of reading $\pm 1$ mV
internal resistance	$R_i = 1$ M $\Omega$

Gällande transducers och andra tillbehör se separata datablad