



## Vortex flow sensor



### Type 240

Flow sensor  
for liquid media

## Reliability and precision in a wide range of applications

The new Type 240 flow sensor is designed for precise and stable flow measurement even under difficult conditions, with enhanced resistance to high system pressures and media temperatures.



## Advantages Type 240

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- Robustly designed to withstand system pressures of up to 16 bar (232 psi)
- Media temperature range -15°C to +125°C (-5 ... +257°F)
- Wide flow range from 0.5 l/min (0.13 gpm) [DN6] to 150 l/min (40 gpm) [DN25]
- Hydrolysis-resistant sensor design
- Minimal pressure loss due to virtually free pipe cross-section
- Wear-free and long-term stability due to having no moving parts

## Innovative Technology

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The Type 240 is designed for liquid media with different specific viscosities, from refrigerants to drinking water. The proven Vortex principle ensures high measuring accuracy. Moreover, its compact design without moving parts makes the sensor extremely robust, low-maintenance, and durable. It can be mounted directly on the manifold and easily integrated into existing systems.

A particular highlight is its resistance to water hammer: The Type 240 can easily withstand pressure peaks up to 100 bar (1450 psi).

## Swiss Quality

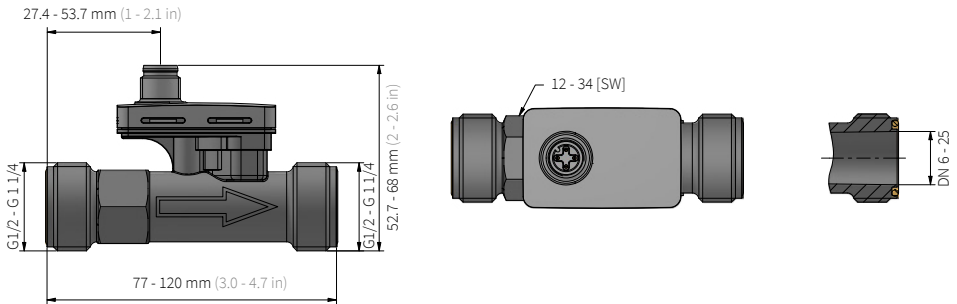
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The Type 240 is part of the Vortex flow sensor family from Huba. With our distinctive technological expertise, we have been developing and producing high-quality flow sensors with reliable accuracy since 2007. Each sensor undergoes strict quality tests during the manufacturing process to guarantee the proven reliability «Made in Switzerland» millions of times over.

## Technical data

Flow range	0.5 ... 150 l/min (0.13 ... 40 gpm)		
Power supply / Output	8 ... 33 VDC	Analogue output 4 ... 20 mA	
Temperature range	-40 ... +125 °C (-40 ... +257 °F)		
Accuracy	< 50 % FS: ±1 % of full scale value > 50 % FS: ±2 % of measured value		
Electrical connection	4-pole round plug:	M12x1 (protection class IP 65) with condensation protection (temperature)	
Tube connection housing	PPS-GF40	External thread small:	DN 6 / 8 → G 1/2, DN 15 → G 3/4, DN 20 → G 1, DN 25 → G 1 1/4
		External thread large:	DN 10 → G 3/4
Admissions	CE-conform according to EMV regulations 2014/30/EU UL 61010-1* Drinking water approvals WRAS*, ACS* and UBA* RoHS compliance according 2011/65/EC		

## Dimensions Type 240



## Versatile Applications

The new flow sensor is predestined for a wide range of applications in numerous industries and markets. The sensor housing is made of durable PPS with 40% glass fiber content. The sensor paddle itself is made of the high-performance material PPSU and is PFAS-free.

Type 240 complies with the safety standard UL 61010-1\* and is approved for drinking water according to WRAS\*, ACS\*, and UBA\* regulations.

## More information online

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On our website you will find more information on the Type 240 and can easily submit your enquiry.

[hubacontrol.com/en/new-240](http://hubacontrol.com/en/new-240)

### **Huba Control AG**

Industriestrasse 17  
5436 Würenlos, Switzerland  
Tel. +41 56 436 82 00  
[info.ch@hubacontrol.com](mailto:info.ch@hubacontrol.com)



Consultancy in your area  
[hubacontrol.com/en/worldwide](http://hubacontrol.com/en/worldwide)