



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

- 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

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.

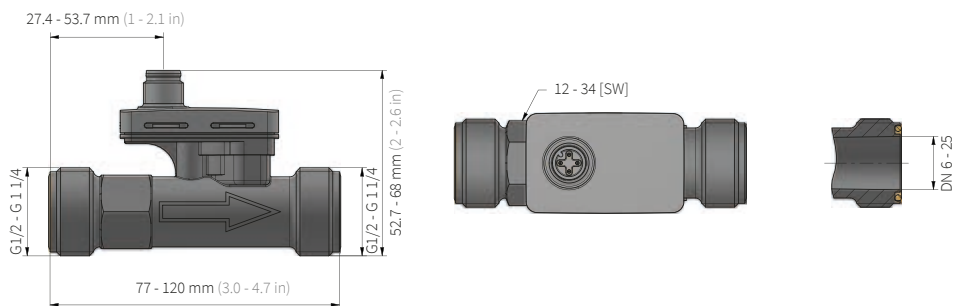
A particular highlight is its resistance to water hammer: The Type 240 can easily withstand pressure peaks up to 100 bar (1450 psi).

Swiss Quality

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 ideally suited for diverse applications across numerous industries and markets. 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



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

hubacontrol.com/en/new-240

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