



**Trusted flow  
measurement.**

### **Ultrasonic Flow Sensor**

Belimo's inline flow sensors utilise ultrasonic transit-time technology to provide accurate, repeatable measurement in any HVAC application. The innovative measurement method features patented glycol compensation logic to automatically detect, monitor and compensate the glycol concentration in the system at all times.

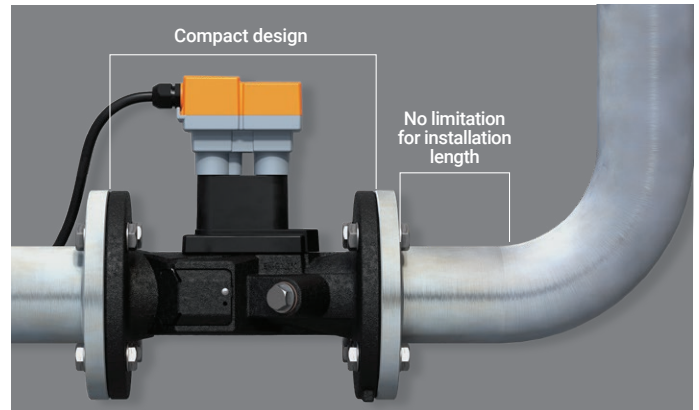
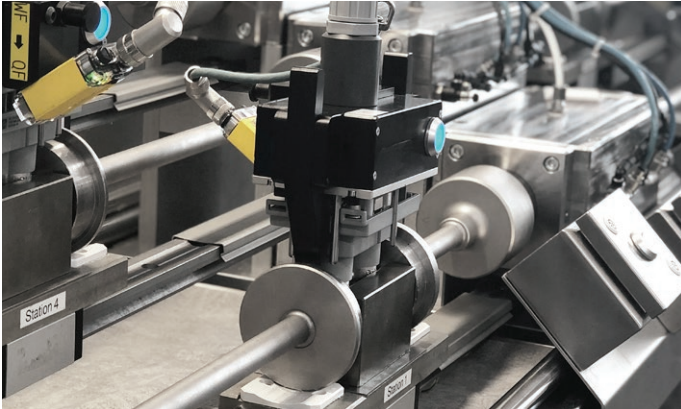
- Certainty that the measured flow is correct
- Only one flow sensor is required for all glycol concentration up to 60%
- Patented automatic glycol compensation
- Low pressure drop for pump optimisation provides energy savings
- Low power consumption of 0.5W saves energy and transformer capacity



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**BELIMO**<sup>®</sup>

# Trusted flow measurement.





## Accurate results without drift

- Patented temperature and glycol compensation logic eliminates calibration requirements and avoids false flow readings in both chilled and hot water applications
- Trusted flow measurement with +/- 2% accuracy and +/- 0.5% repeatability
- Multi-point wet calibrated to ensure accuracy and repeatability
- Maintenance-free design ensures reliable operation and extended service life backed by a 5-year warranty

## Ease of installation and energy efficiency

- The small footprint of the complete sensor assembly with short inlet length ensures that the flow sensor can be easily installed even in tight spaces
- Hassle-free installation and accurate flow measurement right from the start-up
- Low pressure drop for pump optimisation provides energy savings
- Low power consumption of 0.5W saves energy and transformer capacity

## Ultrasonic Flow Sensor DN 15–150 / ½"–6"

Model	Vnom (l/min)	Inches	DN [mm]	Output Signal	Technology
	FM015R-SZ	25	½	0 to 10 VDC	Ultrasonic
	FM020R-SZ	46	¾		
	FM025R-SZ	80	1		
	FM032R-SZ	130	1 ½		
	FM040R-SZ	180	1 ¾		
	FM050R-SZ	345	2		
	FM065F-SZ	480	2 ½		
	FM080F-SZ	680	3		
	FM100F-SZ	1200	4		
	FM125F-SZ	1875	5		
	FM150F-SZ	2700	6		