

HySense® QT 600

In combination with the measuring devices in the MultiSystem series, the new Hydrotechnik **HySense® QT 600** turbine meter generation makes it possible to measure volumetric flow rates accurately with various hydraulic fluids and varying temperatures.

The technology not only combines high flexibility with user friendliness and ease of use, but also saves users a significant amount of time.

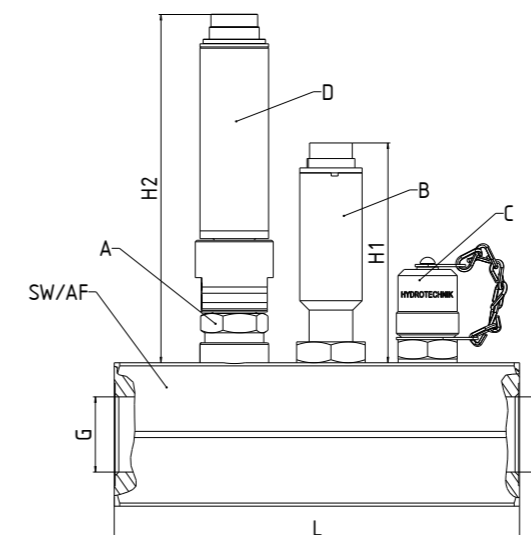


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A	MINIMESS® 1620 series p/T test point
B	HySense® RS series inductive sensor
C	MINIMESS® 1620 series test point
D	HySense® TE series temperature sensor

General characteristics

Fluid	Hydraulic fluids, transmission fluids
Flow range	9 ... 300 L/min*
Output signal	Frequency
Response time	< 0.05 s
Viscosity range	5 ... 100 mm ² /s (cSt)*
Fluid temperature	-20 °C ... 100 °C*
Ambient temperature	-20 ... 85 °C
Turbine housing material	Aluminum
Seal material	FKM*
IP degree of protection	IP67 (DIN EN 60529)

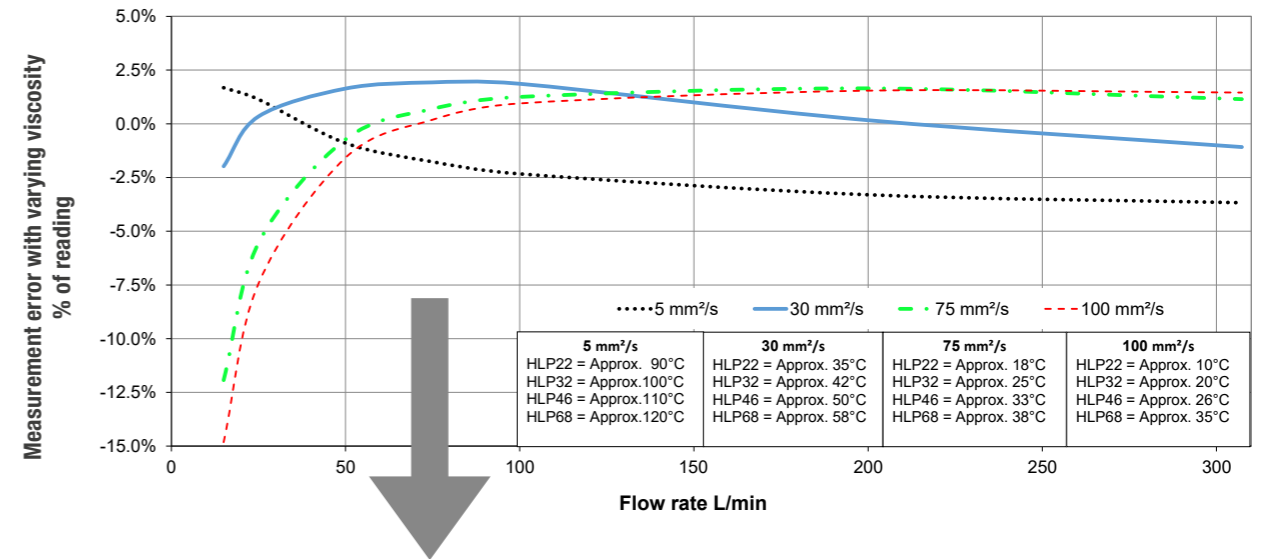
* More available upon request

Flow rate	Measuring range	G	AF	L	Weight	H1	H2
	L/min	ISO 228	mm	mm	g		
300 L/min	9 ... 300	G 1	55	150	Approx. 1230	62 mm	98 mm

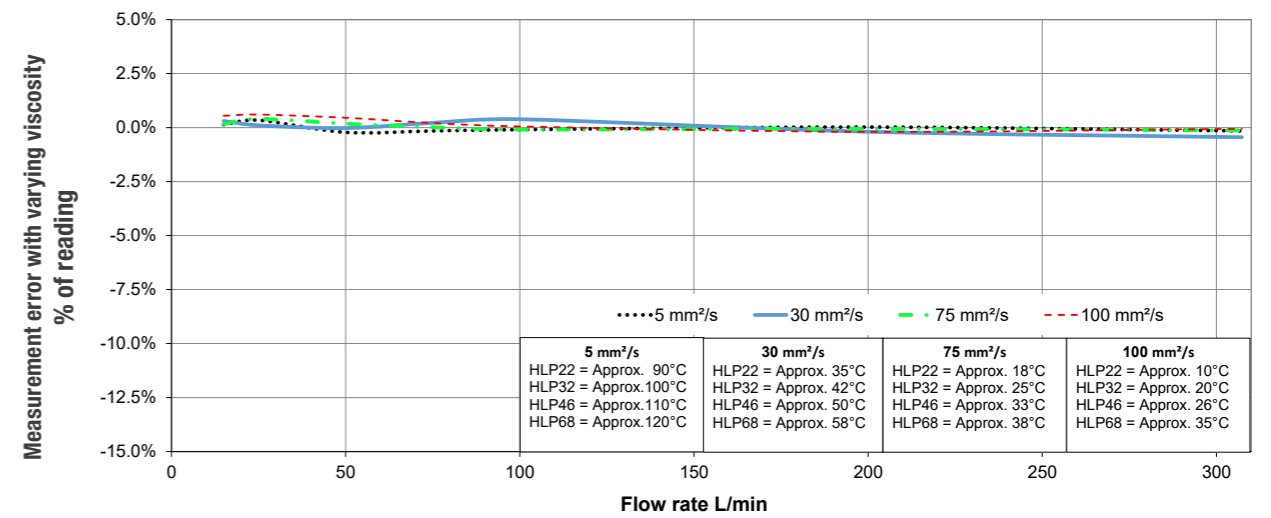
Flow rate	Max. operating pressure	Measuring accuracy
	bar	QT 600
300 L/min	420	±2.5% of reading

Part No. 31VU-71-35.V036

Characteristic curve for standard turbine meters, calibrated at 30 mm²/s, used with varying viscosity



Characteristic curve for the HySense® QT 600, used with varying viscosity



Pressure differential at 30 mm²/s

