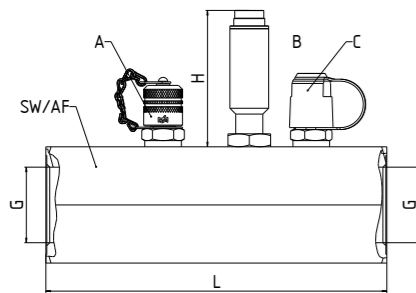


# HySense® QT 4xx



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

Flow rate	Measuring range	G	AF	L	Weight	H		
	L/min	ISO 228	mm	mm	g	QT 400	QT 406	QT 410
600 L/min	16 ... 600	G 1 1/4	60	176	Approx. 3600	62 mm	98 mm	

Flow rate	Max. operating pressure	Measuring accuracy		
	bar	QT 400 <sup>1</sup>	QT 406	QT 410 <sup>2</sup>
600 L/min	420	±0.5% of reading		

<sup>1</sup> Different if a constant calibration value is used; please refer to the technical data sheet

<sup>2</sup> Additionally ±0.1% of full scale

## Part No. 3WYG-72-35.ZZZ

### Chemical compatibility

**W = R** Hydraulic fluids, transmission fluids  
**A** Skydrol (available starting mid-2020)

### Sensor

**Y = C** QT 406 CANopen, M12 electrical connector, 5-pin, ISDS  
**I** QT 410 analog 4 ... 20 mA, M12 electrical connector, 4-pin, ISDS  
**J** QT 410 analog 4 ... 20 mA, M16 electrical connector, 6-pin, ISDS  
**K** QT 400 frequency, M12 electrical connector, 4-pin, ISDS  
**V** QT 400 frequency, M16 electrical connector, 6-pin, ISDS

### Calibration viscosity

**W = R** → 30 mm<sup>2</sup>/s: **ZZZ = 030**  
**W = A** → 11 mm<sup>2</sup>/s: **ZZZ = 011**

### General characteristics

Fluid	Fuels, hydraulic fluids, transmission fluids, brake fluid, Skydrol*
Flow range	16 ... 600 L/min*
Output signal	Frequency, CANopen, 4 ... 20 mA
Response time	< 0.05 s
Viscosity range	1 ... 150 mm <sup>2</sup> /s (cSt)*
Measuring accuracy	Up to ±0.5% of reading
Fluid temperature	-20 °C ... 100 °C*
Ambient temperature	-20 ... 85 °C
Turbine housing material	Stainless steel
Seal material	FKM*
IP degree of protection	IP67 (DIN EN 60529)

\* More available upon request

### Pressure differential at 30 mm<sup>2</sup>/s

