

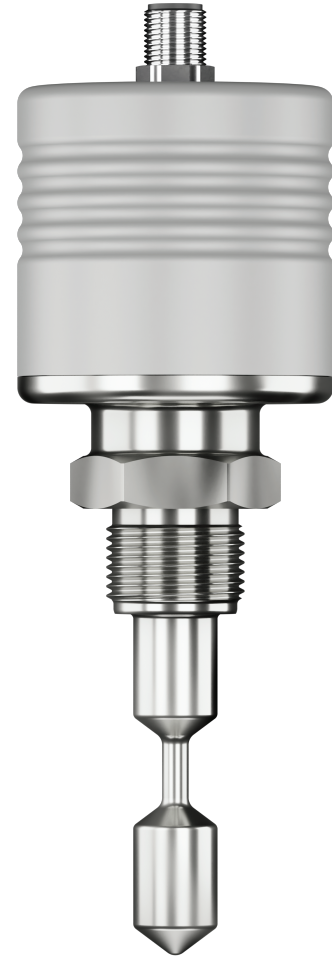
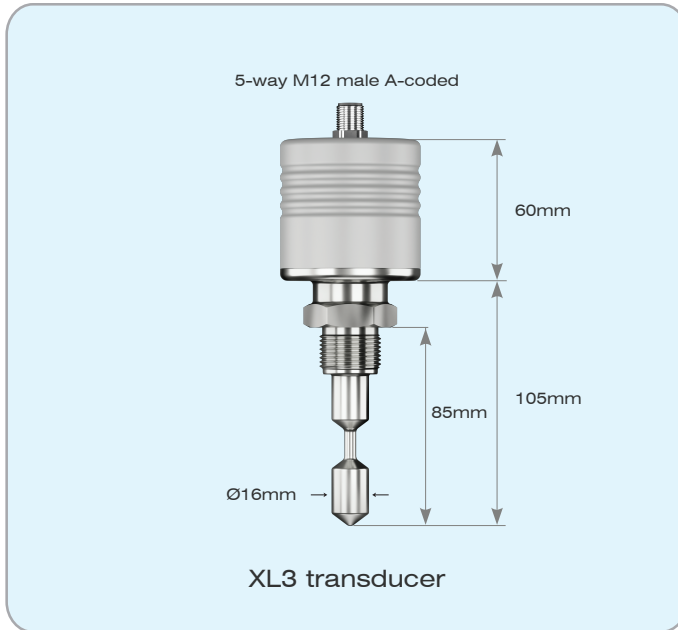
XL3-100

mini viscometer

innovators in fluid measurement

Hydramotion

- ▶ real time viscosity
- ▶ super-lightweight compact design
- ▶ integral temperature sensor
- ▶ no moving parts — no maintenance



SPECIFICATION

Viscosity range	0 - 5,000 cP
Measurement time	1 second
Accuracy	1% of reading and ± 0.1 cP
Repeatability	0.3% of reading and ± 0.05 cP
Analogue outputs	1 x 4-20mA configurable, representing either dynamic viscosity, kinematic viscosity, temperature corrected viscosity, or temperature
Digital outputs	RS485 Modbus® data link
Power requirements	12 - 24V DC @ 60 mA
Integral thermometer	integrated temperature measurement
Process temperature range	-30 to +100 °C
Maximum instrument pressure	50 bar
Process connection	pipe thread ISO 228 - G3/4 (3/4" BSPF)
Cable length	up to 1.2 km
Connector type	5 way M12 male connector A-coding
Construction	all-welded, crevice-free
Materials	head: acetal homopolymer sensor: SS316 (EN 1.4401)
Surface finish	N6 0.8 μ m Ra
Weight	750 g
Ingress protection	IP67
Software	VLink configuration utility (Windows PC)



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