

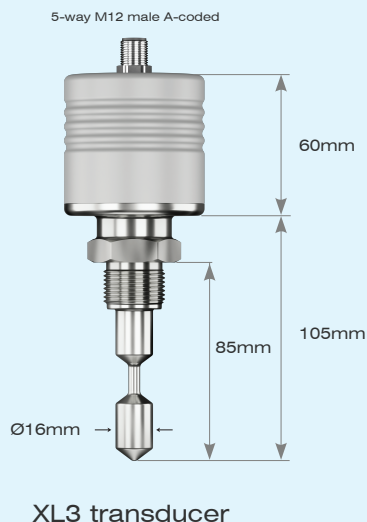
# XL3-100

## mini viscometer

innovators in fluid measurement

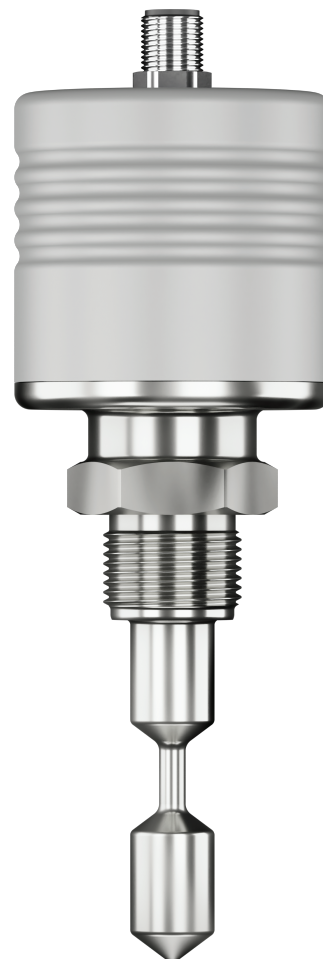
**Hydramotion**

- ▶ **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 or $\pm 1$ digit
Repeatability	0.3% of reading or $\pm 1$ digit
Analogue outputs	1 x 4-20mA configurable, representing either viscosity, referenced viscosity or temperature
Digital outputs	RS485 Modbus® data link
Power supply	12-24V DC @ 60-80 mA
Integral thermometer	integrated RTD
Temperature range	-30 to +100 °C
Pipe connection	3/4" BSPP
Cable length	up to 1.2 km
Cable type	5-way M12 male A-coded
Construction	all-welded, crevice-free
Materials	head: acetal homopolymer sensor: SS316 (EN 1.4401)
Surface finish	N6 0.8 $\mu$ m Ra
Weight	750 g
Ingress protection	IP67
Software	VLink (Windows 7 onwards)



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