

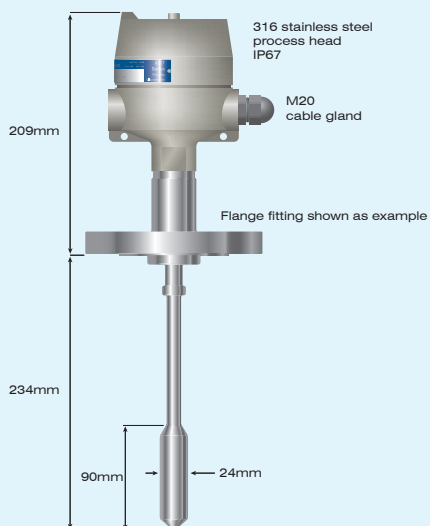
XL7-150

intrinsically safe viscometer

innovators in fluid measurement

Hydramotion

- ▶ increase quality, eliminate waste
- ▶ simple tank or pipeline installation
- ▶ high accuracy and repeatability
- ▶ no moving parts — no maintenance



XL7 transducer



SPECIFICATION

Viscosity range	From 0 - 1 cP to 0 - 10 ⁹ cP over 10 models
Measurement time	1 second
Accuracy	1% of reading or ± 1 digit
Repeatability	0.3% of reading or ± 1 digit
Temperature range	-50 - +150 °C
Pressure rating	to process fitting
Process fitting	any (flange, thread, clamp, hygienic) *
Cable length	as required
Cable type	standard instrument cable
Power supply	powered by signal processor
Safety certification	Ga Ex ia IIC T4 - T6
Construction	all-welded, crevice-free
Materials	head: SS316 (EN 1.4401) fitting: as required sensor: SS316/316L (EN 1.4401/1.4404) * or SAF2507 duplex steel (EN 1.4410) (optional: alloy C22, alloy C276)
Surface finish	N6 0.8 μ m Ra
Ingress protection	IP67
Software	ViscoLink data viewing and logging package (Windows-based for PC)

* Custom variations to specification available to order

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