

# XL/7-150 (EEx 'ia')

## intrinsically safe process viscometer

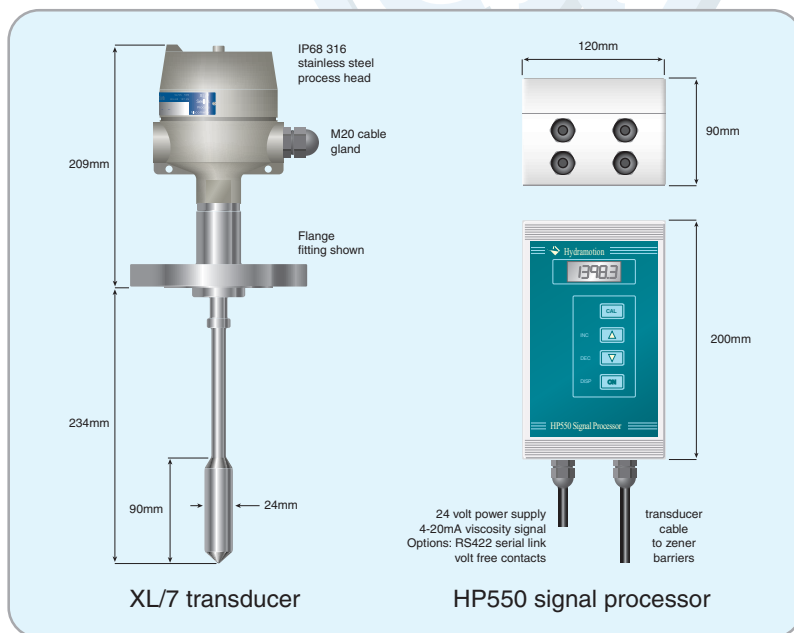


product sheet



### Features

- ▶ high sensitivity over wide range
- ▶ simple tank or pipeline installation
- ▶ high on-line accuracy and repeatability
- ▶ no moving parts - no maintenance



### Specification

#### Transducer

Viscosity Accuracy:	+/- 1 % of reading
Viscosity Repeatability:	+/- 0.3 % of reading
Complete Viscosity Range:	1 to 10 <sup>9</sup> cP
*Temperature Range (sensor):	-40°C to 150°C
*Pressure Range:	up to 50 bar
Process Connection:	To suit application
Overall length:	443mm
Weight:	4 kg
Materials:	All 316 SS / Hastelloy C, optional
Environmental Rating:	IP68
Safety Certification:	EEx 'ia' IIC T6

\*note: Extended temperature and pressure range instruments also available

#### Signal Processor

Processor Unit:	HP550
Environmental Rating:	IP65
Power Supply:	24 v d.c. @ 100mA (including transducer)
Analogue Output:	4 - 20mA, fully configurable, representing either viscosity or referenced viscosity

Options:	Temperature measurement and viscosity correction to standard conditions RS232 or RS422/485 ModBus serial link 2-off volt-free contact outputs
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