

F3.20.X.01

High Pressure Paddlewheel flow sensor

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FLS F3.20 is a paddlewheel flow sensor suitable for system at high pressure and at critical temperature. F3.20 is designed for use with every kind of solidfree liquids in compliance with chemical compatibilities of wetted materials. First quality materials used, as SS for body/ shaft and Halar® for rotor, grant high mechanical performances and an appreciated reliability. Sensor needs a very limited maintenance and, in those cases, it's easy to perform due to a 4 screws system and to a graphite flat gasket. F3.20 sensor is available for connection to FLS monitors and for PLC connection directly. SS weld on adapter is available for sensor installation on pipe range from 1 1/2" to 8" (DN40 to DN200).

APPLICATIONS:

- Heat Exchangers
- Reverse osmosis
- Cooling systems
- HVAC systems (heating, ventilation and air conditioning)
- Boiler feedwater

MAIN FEATURES:

- Working range up to 110 bar (1600 PSI) and up to 248°F (120 °C)
- Wide operating range (from 0,15 to 8 m/s)
- Just one sensor and one fitting for a wide range of pipe dimensions (from 1 1/2" to 8")
- High linearity and repeatability
- Limited maintenance need and easy execution
- Available special version for direct connection to PLC



Reference	Version	Power supply	Lenght	Main Wetted Materials	Enclosure	Flow Rate Range	Weight (gr.)
F3.20.H.01	Hall	5- 24 VCC	107 mm	316L SS	IP68	From 0,15 to 8 m/s*	600
F3.20.P.01	Push-Pull	12 - 24 VCC	107 mm	316L SS	IP68	From 0,15 to 8 m/s*	600

All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations