

Flow-Through Fittings

ARF 210 Flow-Through Fitting

Versatile flow-through fitting made of stainless steel

Modular system design with different connection geometries and process connections. For measurements in main stream or bypass. Material: stainless steel, also for high temperatures/pressures. Adapter for a broad variety of sensors for pH, ORP, temperature, contacting and noncontacting conductivity, as well as dissolved oxygen. Suitable for measurement of oxygen traces.

Available protective cap with integrated electrolyte reservoir for refillable pH sensors with liquid filling. Simplified calibration for pH and conductivity due to special calibration beaker. A large flow cross-section and integrated cleaning nozzles also make it suitable for polluted media.

Applications

Ultrapure water, drinking water, industrial water, and cooling water. Process media with higher temperature and pressure values. Measurement of oxygen traces

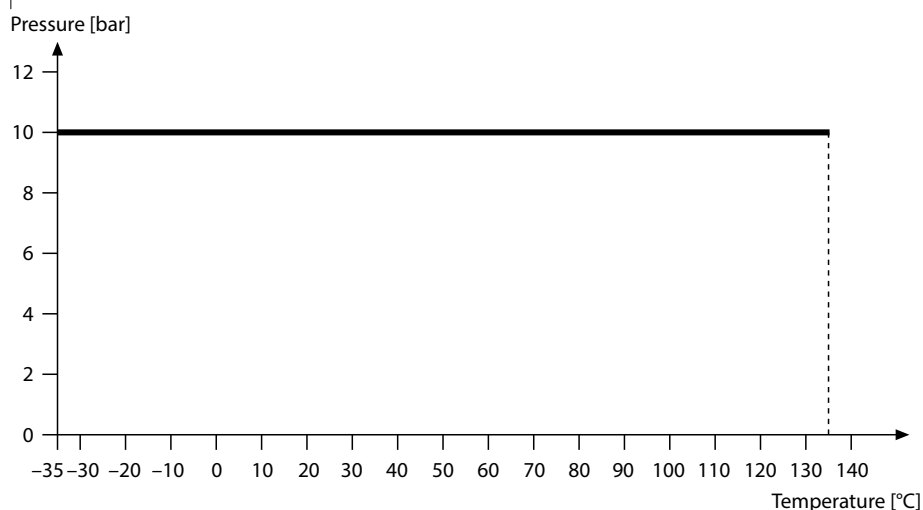
Facts

- Modular system
- Adaptable to virtually every process due to different sensor adapters and process connections
- Material: 316 SS
- Measurement in main stream or bypass
- Cleaning connection

Specifications

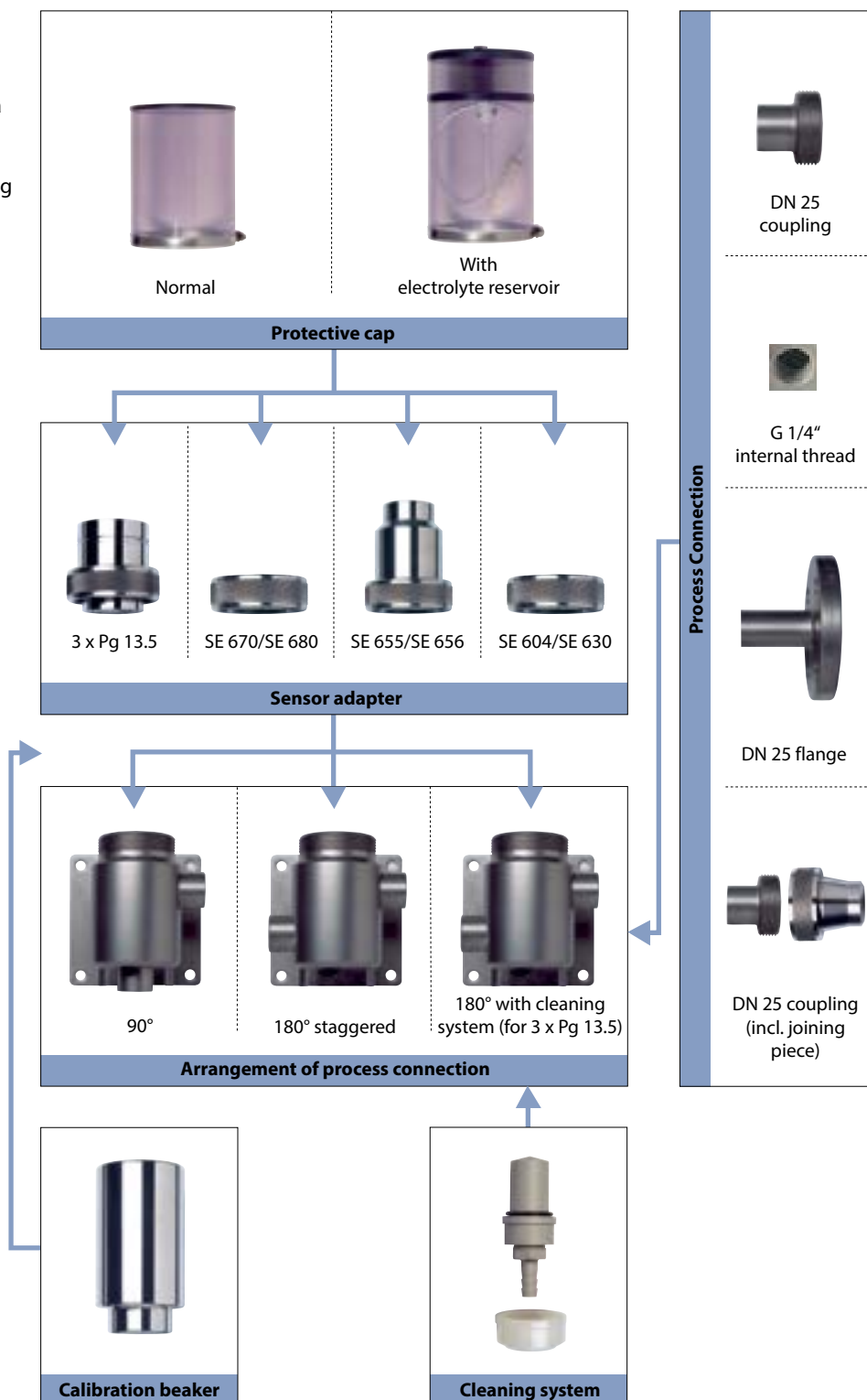
Material:	316 SS
Process connection:	DN 25 coupling G 1/4" DN 25 flange DN 25 coupling (incl. joining pieces)
Pressure:	Max. 145 psi (10 bar)
Temperature:	–31 ... 275°F (–35 ... 135°C)
Sensor adapter:	3 x Pg 13.5 SE 655 (X)/SE 656 (X) SE 604/SE 630 SE 670/ SE 680

Pressure/Temperature Diagram



Modular System

This flow-through fitting is available with 3 different process connections. Different protective caps, a calibration beaker, sensor adapters, process connections, and a cleaning system complete this modular system.



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Product Line

Order No.

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Material	1.4571	3						
Sensor adapter	3 x Pg 13.5 SE 655 (X)/SE 656 (X) SE 604/SE 630 SE 670/SE 680	1 4 7 E						
Process connection	DN 25 coupling G 1/4" DN 25 flange DN 25 coupling (incl. joining pieces)	1 2 3 5						
Arrangement of process connection	90° 180° staggered 180° with cleaning connection ¹⁾	1 2 3						
Protective cap	none normal with electrolyte reservoir	0 1 2						
Calibration beaker	without with	0 1						
Sealing material	EPDM FKM (Viton) FFKM (Kalrez)	1 2 3						

¹⁾ Only in conjunction with sensor adapter 3 x Pg 13.5

Other versions on request.

Dimensional Drawings

