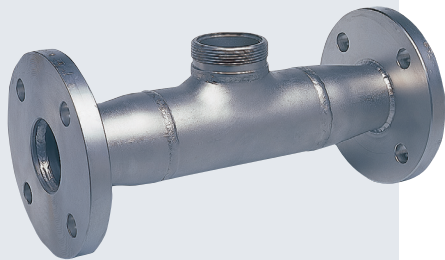


Flow-Through Fittings

Chem

Energy



ARF 240 Flow-Through Fitting

Flow-through fitting with tube expansion

Straight flow-through fitting for direct installation in pipelines with DN 50 cross-section. 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. Its tightness makes it suitable for measurement of oxygen traces. When using larger sensors, e.g. electrodeless conductivity sensors, a suitable tube expansion reduces pressure loss to a minimum. Protective cap with integrated electrolyte reservoir for refillable pH sensors with liquid filling.

Applications

Various process media, particularly with high flow rates; also moderately polluted

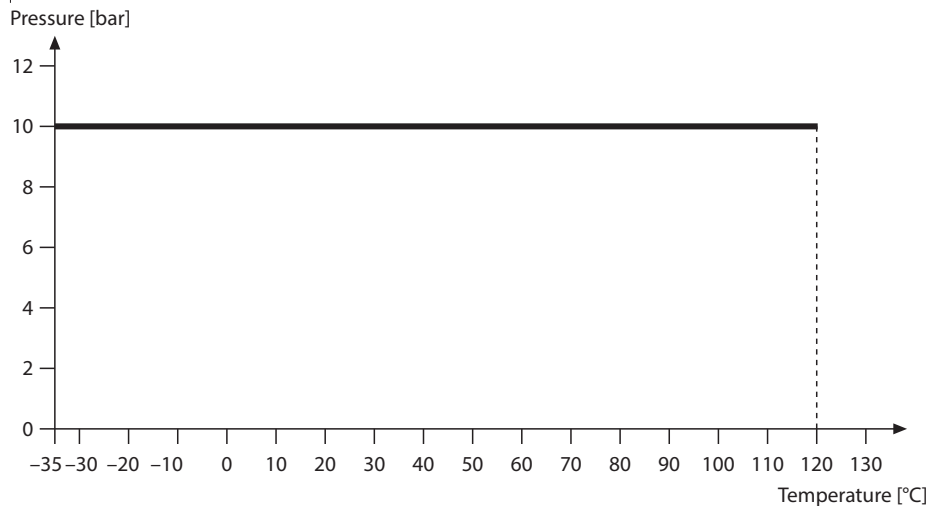
Facts

- universal application due to different sensor adapters
- measurement in main stream or bypass
- 1.457 stainless steel
- virtually no pressure loss caused by installed sensors

Specifications

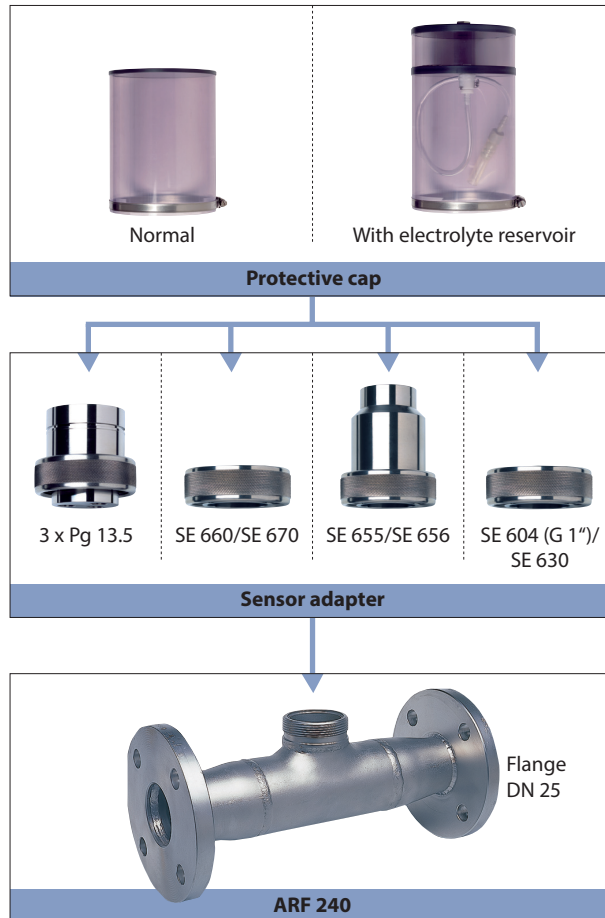
| | |
|---------------------|-----------------------------|
| Material: | 1.4571 steel |
| Process connection: | flanges DN 50 PN 16 |
| Pressure: | max. 10 bars |
| Temperature: | -35 ... +120 °C |
| Sensor adapter: | see product line (page 198) |

Pressure/Temperature Diagram



Modular System

Different protective caps and sensor adapters are available for this flow-through fitting.



Flow-Through Fittings

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ARF 240 Flow-Through Fitting

Product Line

Order No.

| | | ARF 240 / | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|--|--|-----------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Material | 1.4571 | 3 | | | | | | |
| Sensor adapter | 3 x Pg 13.5 | 1 | | | | | | |
| | SE 660 | 3 | | | | | | |
| | SE 655 (X)/SE 656 (X) | 4 | | | | | | |
| | SE 604 (G 1)/SE 6305 (G 1) | 7 | | | | | | |
| | SE 557 (liquid-filled, pressurizable sensor) | 8 | | | | | 0 | |
| | SE 670 | E | | | | | | |
| | SE 680 | X | | | | | | |
| Process connection | flange DN 50 PN 16 | | | 1 | | | | |
| Arrangement of process connection | 180° | | | | | 1 | | |
| Protective cap | none | | | | | | | 0 |
| | normal | | | | | | | 1 |
| | with electrolyte reservoir | 1/4 | | | | | | 2 |
| Gasket material | EPDM | | | | | | | 1 |
| | FKM | | | | | | | 2 |
| | FFKM | | | | | | | 3 |

Dimension Drawings

