



ARD 220 Immersion Fitting

Simultaneous measurement with up to 3 sensors

Universal immersion fitting made of stainless steel (1.4571), individually adaptable to process requirements with a range of immersion lengths, gaskets, and process connections. Dirt-proof due to smooth, break-free design. High-quality 1.4571 stainless steel enables the fitting to be used at higher pressures and temperatures.

Applications

Chemical and petrochemical industry, power plants, electroplating, ore processing; high stability and warp resistance

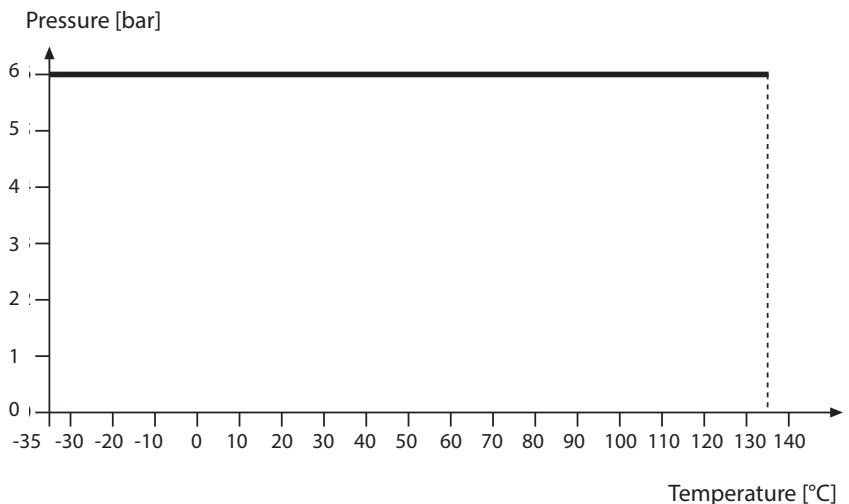
Facts and Features

- Adaptable to virtually every process due to different lengths: 260 to 2000 mm
- Material: Stainless steel 1.4571
- Sensor adapters: 3 x PG 13.5, SE 670 G1 / SE 655, SE 656 (G^{3/4}) / SE 680 / G1 for SE 604-MS, SE 605-MS, SE 630-MS
- Operation with SE 560 (pH sensor with refillable liquid electrolyte) possible
- Process connections: flanges, pipe clamp, catenary suspension
- Measurement in tanks, basins and channels
- Dirt-proof sensor mounting

Specifications

Material:	See product range
Process connection:	See product range
Nominal length:	See product range
Diameter:	Ø 63 mm
Pressure:	6 bar
Temperature:	-35 ... 135 °C
Sensor adapters:	See product range

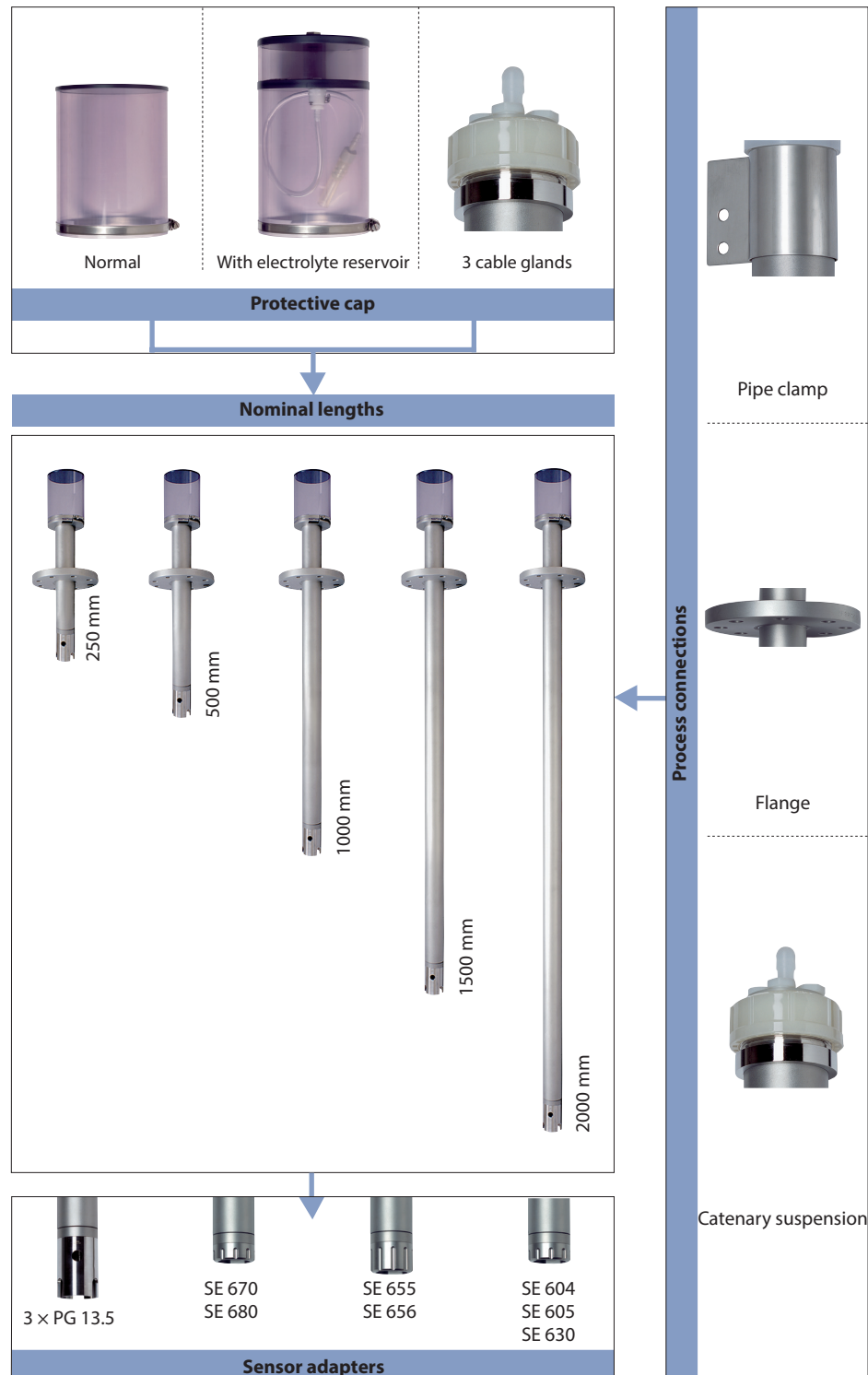
Pressure/Temperature Diagram



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Modular System

This immersion fitting comes in 5 different nominal lengths (further nominal length on request). Different protective caps, process connections, and sensor adapters complete this modular system.

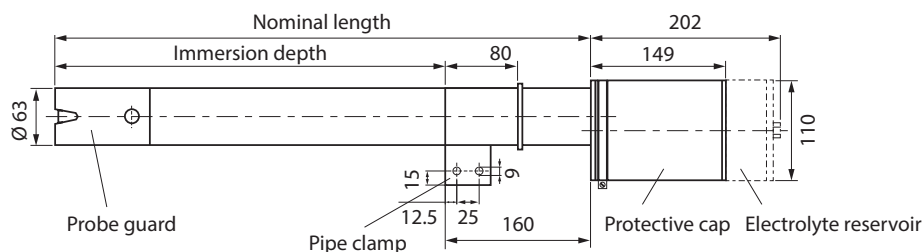


Product Range

Material: 1.4571	ARD 220 /	3					
Sensor adapter	3 x PG 13.5 SE 655 (X) / SE 656 (X) SE 604 (G1), SE 605 (G1), SE 630 (G1) SE 670 SE 680	1 4 7 E 8					
Process connection	Without Pipe clamp Catenary suspension Flange, fixed, DN 65 PN 10/16 Flange, fixed, DN 80 PN 10/16 Flange, fixed, DN 100 PN 10/16 Flange fixed, ANSI 2.5" Flange fixed, ANSI 3"	0 2 4 3 A 5 7 8		1 3			
Nominal length [mm]	260 500 1000 1500 2000			1 2 3 4 5			
Protective cap	Normal (PVC) With electrolyte reservoir (PVC) 3 x cable glands (PVDF)				1 2 3		
Gasket material	EPDM FKM FFKM					1 2 3	

Dimension Drawings

Pipe clamp

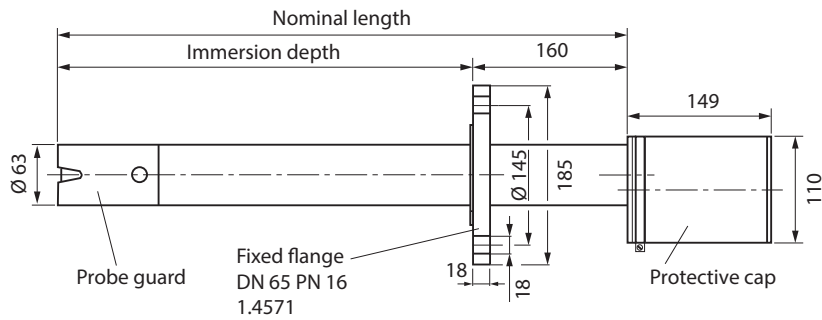


All dimensions in mm.

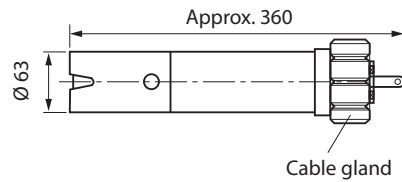
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Dimension Drawings – Continued

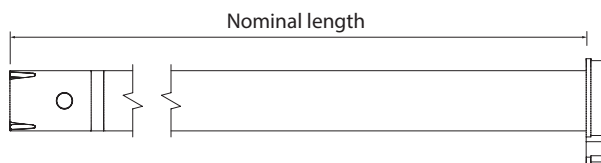
Flange, DN 65 PN 16



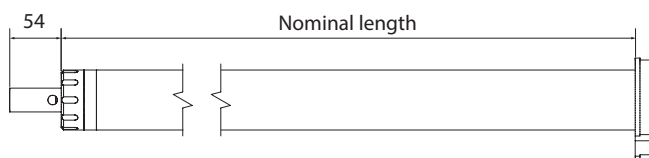
Immersible version with cable gland and catenary suspension



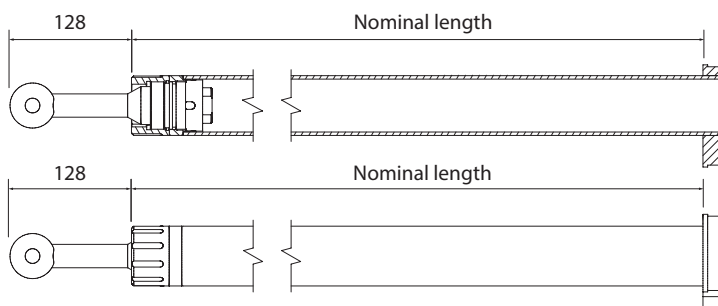
Sensor adapter 3 x PG 13.5



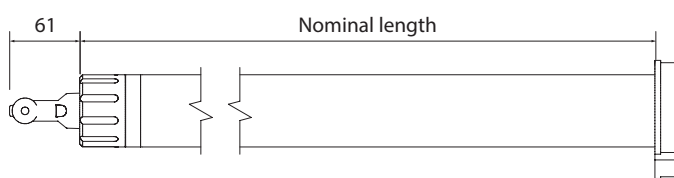
Sensor adapter for 2-electrode sensor SE 604



Sensor adapter for toroidal sensors SE 655/SE 656



Sensor adapter for toroidal sensors SE 670/G1



All dimensions in mm.