

Conductivity probe type EL18

Application and function

The level probe EL 18 (Fig.1), mounted in the measuring flange (Fig.2), in connection with the controller FAR1 and a desalting valve is a continuous desalting regulation.

Technical basic equipment

| | | |
|-----------------------|---|-----------------|
| Mechanical connection | G ½ (SW27) | |
| Electrical connection | Plug connection with screw terminals, traction relief | |
| Material | Probe housing | stainless steel |
| | Probe rod | stainless steel |
| | Insulator | PTFE |
| | Socket | Polyamid |
| | Sealing ring | Soft iron |
| | Measuring flange | 1.0460 |

Technical data

| | | | |
|--------------------------------|----------------|---------|--|
| Component mark | see controller | | |
| Allowable pressure | PS [bar] | 32 | |
| Allowable temperature | TS [° C] | 239 | |
| Cable gland | | M16x1,5 | |
| Protection as per DIN VDE 0470 | | IP65 | |
| Allowable temperature on plug | | 100° C | |

| PS [bar] | DN | DIN | ø D | ø k | ø d |
|----------|----|----------------|-----|-----|-----|
| 32 | 15 | 2527 Form B | 95 | 65 | 14 |
| | 20 | | 105 | 75 | |
| | 35 | | 115 | 85 | |
| | 40 | | 150 | 110 | 18 |

- Installation vertical and inclined up to 90°
- other dimensions and materials up on request
- screws, nuts and gaskets deliverable

