

Level probe type EL030

Application and function

The level probe EL030 in connection with the controller SMLC2 is a LLW-limiter with safety function according to EC-Directive 2014/68/EC.

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 |
| | Probe extension | stainless steel |
| | Insulator | PTFE |
| | Socket | Polyamid |
| | Sealing ring | Soft iron |

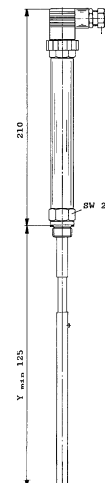
Technical data

| | | |
|--------------------------------|----------------|---------|
| EG-component test | see controller | |
| | CE 0035 | |
| 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 |

| | | |
|------------------------------|-------------------------------|---------------------------------|
| Dimension Y [mm] min. 125 | | |
| 1700 | with protection tube > DN80 | vertical installation position |
| 800 | with protection tube DN50 | vertical installation position |
| 800 | with protection tube DN50/100 | inclined installation up to 45° |

Addition

- If shut-off valves are mounted between the process connections of the add-on-housing and the boiler supports, an electric locking system (end switch) has to be installed.
- A drain valve is to be mounted to the add-on-housing.
- Use in mounting supports if the boiler support corresponds to the representations according to Data Sheet D-08-D-16351-0. Protective tube K, flange, screws, nuts and seals can also be supplied.
- For electrode support flange see Data Sheet D-08-D-22510-0



EC-Type-Examination
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