

Level probe

EL230 / EL230 TS

Application and function

The EL230 level probe in conjunction with the self-monitoring low water level limiter SMLC2 is a piece of equipment with a safety function in accordance with EU Directive 2014/38/EU.

Technical basic equipment

- Mechanical connection via G 1/2" screw connection
- Electrical connection via polyamide plug connector (GSP / GDME 4-pole) with screw terminals for strain relief
- Cable gland Pg11
- Housing, probe rod and probe extension made of stainless steel
- Ceramic insulator
- EL230 TS is manufactured with protective covers and extended housing
- Protection class IP65 according to DIN VDE 0470
- EU type examination see evaluator

Optional versions

- Protection tube K, flange, screws, nuts and seals available
- With probe mounting flange
- With Water Column



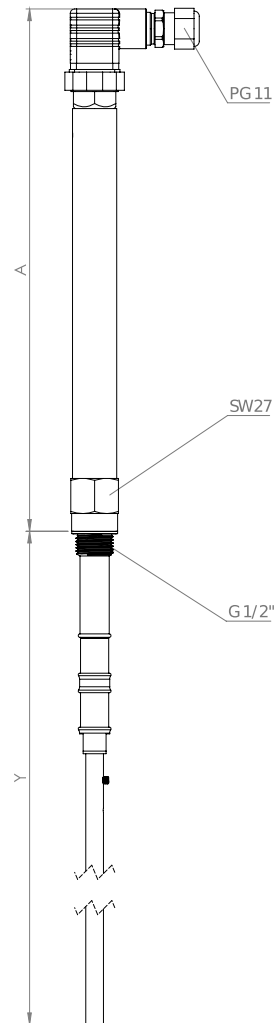
EL230

Technical data

Operating limits EL230	perm. pressure [PS]	perm. temperature [TS]
	200 bar 2900 psig	367 °C 692 °F


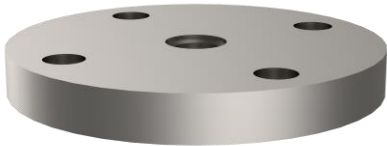
Permissible temperature at the plug up to 100°C / 212°F

Dimensions and sizes



		min.		max.	
		[mm]	[inch]	[mm]	[inch]
Measuring length	[Y]	151,5	5.9	1700	66.9
with protective tube >DN80 <i>(vertical installation position)</i>					
with protective tube DN50 <i>(vertical installation position)</i>				800	31.5
with protective tube DN50/100 <i>(Inclined installation position up to 45°)</i>					
Installation height	[A]	297mm / 11.7"			
Installation height EL230 TS	[A]	687,7mm / 27"			

Optional versions

Examples of the optional versions	
Water Column	Probe mounting flange
	

Type	Data sheet number	Article-No.
Water Column, flanges and fastening elements for probe	D-08-D-51669-EN	see data sheet

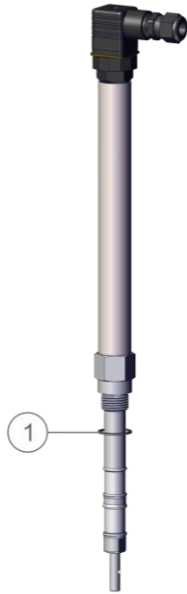
If shut-off valves are fitted between the process connections of the Water Column and the boiler connections, an interlock system (limit switch) must be installed.

A drain valve must be fitted to the Water Column.

Use in the installation nozzle if the boiler nozzle corresponds to the illustrations in the data sheet.

Spare parts

Description	For Type	Size	Article-No.	Quantity
Soft iron sealing ring	EL230 / EL230 TS	Ø21 x Ø26 x 1,5mm	40-00099	1



Digital documentation



Direktdownload



Produktseite im Internet

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