

Multiple probe type MS015-B

(multirod probe) with limiting probe

Application and function

The multirod probe type MS015-B is in connection with the controller SMLC2 a self-monitoring water level limiter with safety function as per DGRL 2014/68/EC. With an additional controller (e.g. DLR1/DHR1) a 2-point water-level control and LWL or HWL signalisation is possible.

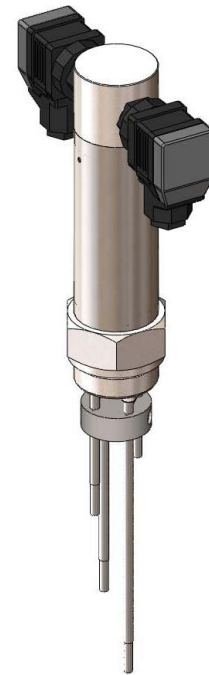
Type	Function	EG-component test
SMLC1	Low level limiter, self-checking, self monitoring	see controller
DLR1/ DHR1	2-point water level controller with LWL or HWL signaling	-----

Technical basic equipment

Mechanical connection	G 1 ½ (SW55)	
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

Technical data

Allowable pressure	PS	[bar]	32
Allowable temperature	TS	[° C]	239
Cable gland			M16x1,5
Dimension Y [mm]			$60 \leq Y \leq 1500$
Installation position			vertical
Protection as per DIN VDE 0470			IP54
Allowable temperature on plug			100° C

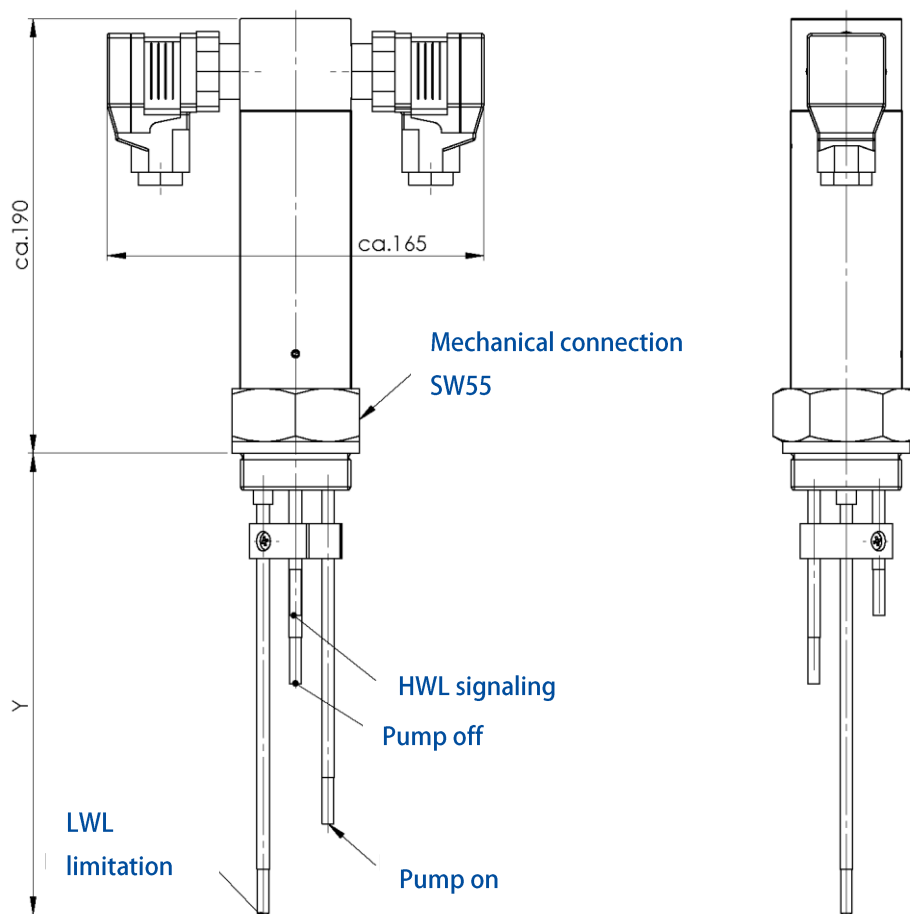


EC-Type-Examination
SIL 3
Production monitored



Electrical connection
controller and signaling
marking „R“

Electrical connection limiter
marking „B“



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

