

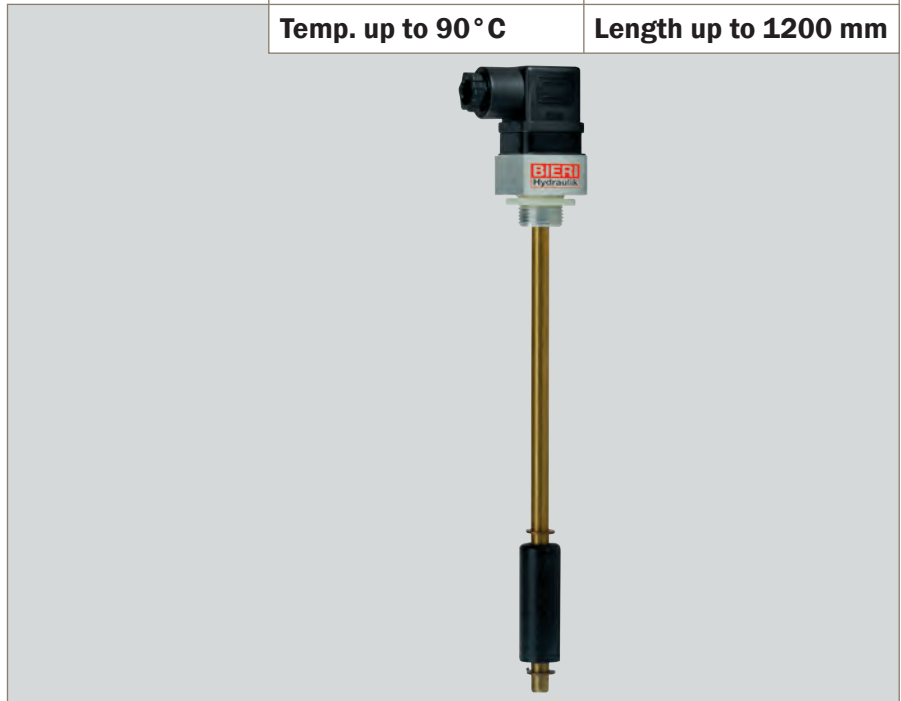
The oil level switch with technical and economical advantages!

- Small dimensions
- Guaranteed potentialfree switching
- Every length up to 1200 mm possible
- Directly threaded into the tank cover

Various types available:

- one level contact
- two level contacts
- one level and one temperature contact
- two level and one temperature contact

Oil level switch	Type FS
Temp. up to 90 °C	Length up to 1200 mm



Applications

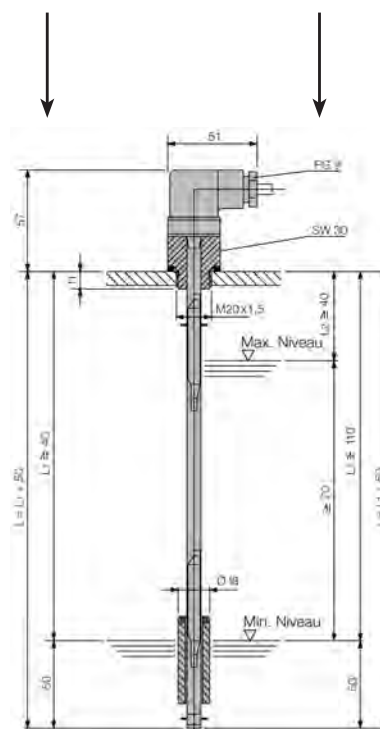
To guarantee an unobjectionable function, the oil level switch shall never be mounted nearby the filler neck or the oil return.

Technical data

Thread size		M 20 x 1,5
Mounting position		vertical $\pm 10^\circ$
Instrument plug		DIN 43650
Degree of protection		IP 65
Switching voltage	level	max. 230 VAC/230 VDC
	temperature	max. 250 VAC/250 VDC
Switching current	level	max. 0,8 A/0,8 A ind.
	temperature	max. 2,5 A/1,6 A ind.
	temperature	min. 50 mA
Switching capacity	level	max. 20 W/26 VA
Temperature hysteresis		max. 25 °C
Temperature accuracy		$\pm 10\%$
Temperature switching point	normally closed	+ 55/70/80/90 °C
	normally open	+ 60/70/80/90 °C
Contact function		normally closed or open
Medium		mineral oil

Oil level switch	Type FS
Temp. up to 90 °C	Length up to 1200 mm

Type	Contact function	Part. no.	Wiring diagram	Dimensions
Min. level	normally open	34200		Left side for min. level Right side for max. + min. level
Min. level	normally closed	34201		34200 34201 34202 34203 34209
Min. level + temperature	normally open	34202		34204 34205 34206 34207 34208
Min. level + temperature	normally closed	34203		
Max. + Min. level	normally open	34204		
Max. + Min. level	normally closed	34205		
Max. + Min. level + temperature	normally open	34206		
Max. + Min. level + temperature	normally closed	34207		
Max. + Min. level	normally open / normally closed	34208		
Min. level + temperature	normally open / normally closed	34209		



Please indicate levels/temperature when placing your order.

Other types available on request.

As we are constantly improving our products, Bieri reserves the right to make changes to the technical specification without prior notice.

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