

# Data sheet

## Mini float switch in brass with plug connection 6-pole

### Order key

M60 . 2 . A1 . B4 . 100 . 200 . 13 . 01 . 8

Type mini float switch M60

Material tube  
brass tube ø8 --2

Function switching point A 24V/150mA  
 closes on level rise -- A1  
 opens on level rise -- A2  
 closes on level drop -- A3  
 opens on level drop -- A4  
 change over contact -- A5

Function switching point B (1 switching point)  
 24VDC/150mA (2 switching points)  
 closes on level rise -- B1  
 opens on level rise -- B2  
 closes on level drop -- B3  
 opens on level drop -- B4  
 change over contact -- B5  
 Comment:  
 For a device with only one  
 switching point please use  
 switching point B  
 Example: M60.1.B4.100.01.01.8

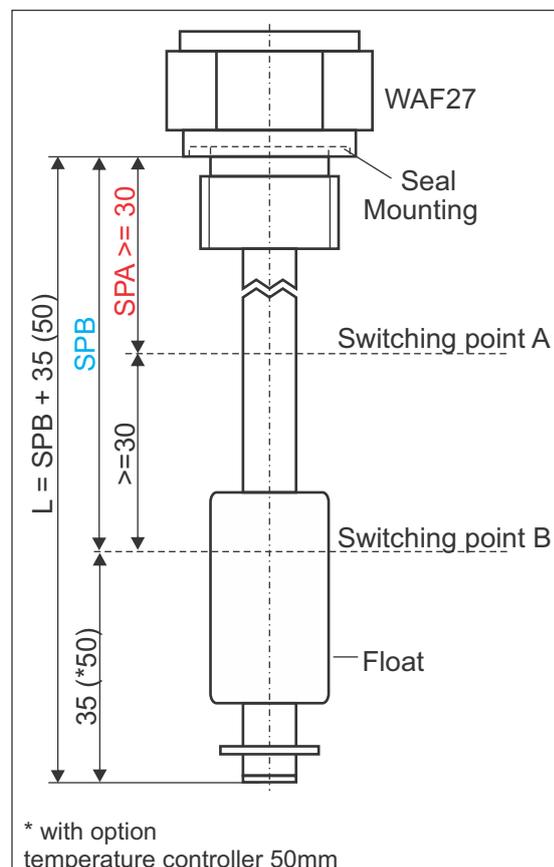
Switching point SPA  
 in mm according to customer's indication

Switching point SPB  
 in mm according to customer's indication

Float  
 ø17,8x32mm Material NBR --- 8

Mounting material alu  
 screw connection M20x1,5 --- 01  
 screw connection 1" ----- 22

Connection  
 6 pol + PE to  
 DIN EN 175201-804  
 (DIN 43651) -- 13

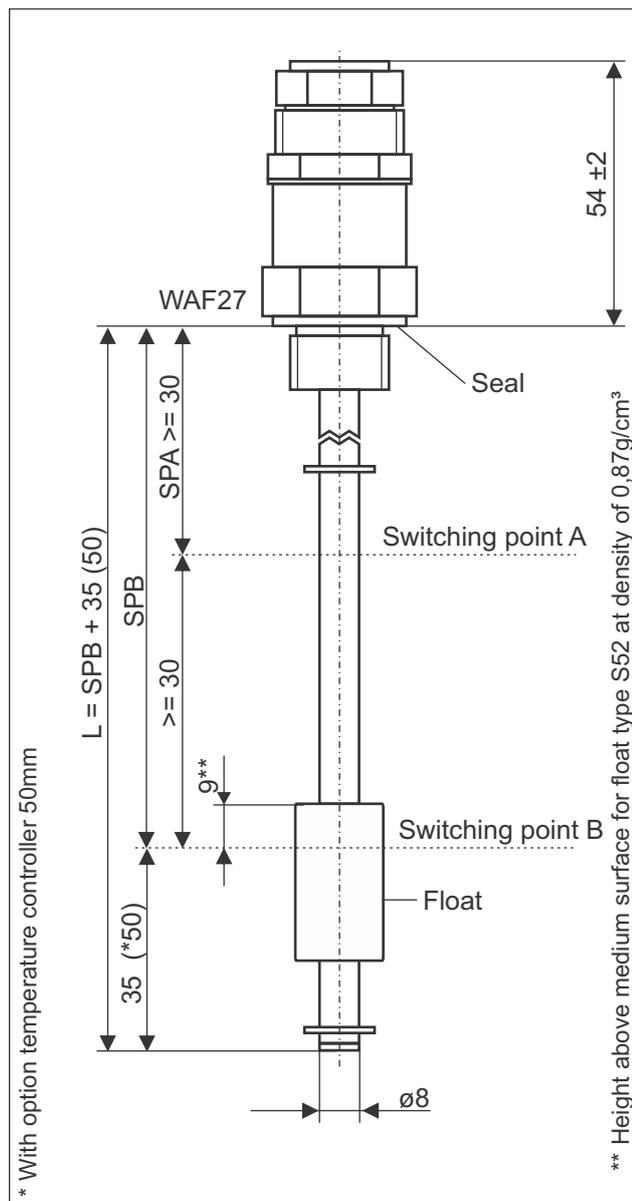


# Data sheet

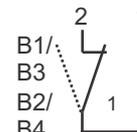
## Mini float switch in brass with plug connection 6-pole

Type: M60...13.01.8

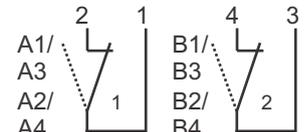
Mounting M20x1,5



### Example for Terminal diagrams



1 x NO/NC contact  
e.g.: order key:  
M60.1.B1.80.13.01.1



2 x NO/NC contact  
e.g.: order key:  
M60.2.A2.B4.60.200.13.01.1

### Technical data:

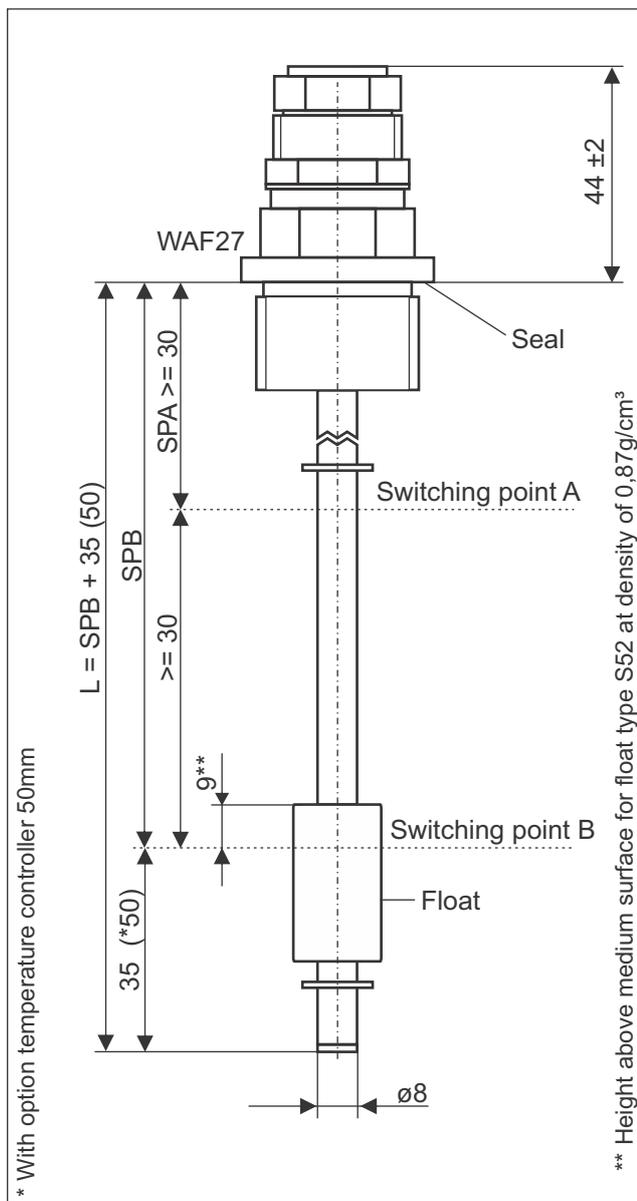
Connection:	6 pole + PE connector acc. DIN EN 175201-804 (DIN 43651), material PET
Mounting:	thread M 20x1,5, material aluminium
Mounting position:	vertical $\pm 10^\circ$
Seal:	profile seal, material NBR
Sliding tube:	$\varnothing 8$ mm material brass, length and material acc. to customer specification
Float:	$\varnothing 17,8 \times 32$ mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. contacts / n.c. contacts, function Bistable
Switching voltage:	max. 230VAC for one switching point; for two switching point max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	$-20^\circ\text{C}$ to $100^\circ\text{C}$ in medium, $-15^\circ\text{C}$ to $70^\circ\text{C}$ above mounting
Protection rating:	IP 65

# Data sheet

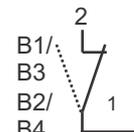
## Mini float switch in brass with plug connection 6-pole

Type: M60...13.22.8

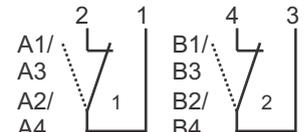
Mounting 1"



### Example for Terminal diagrams



1 x NO/NC contact  
 e.g.: order key  
 M60.1.B1.80.13.01.1



2 x NO/NC contact  
 e.g.: order key  
 M60.2.A2.B4.60.200.13.01.1

### Technical data:

Connection:	6 pole + PE connector acc. DIN EN 175201-804 (DIN 43651), material PET
Mounting:	thread 1", material aluminium
Mounting position:	vertical $\pm 10^\circ$
Seal:	profile seal, material NBR
Sliding tube:	$\varnothing 8$ mm material brass, length and material acc. to customer specification
Float:	$\varnothing 17,8 \times 32$ mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. contacts / n.c. contacts, function Bistable
Switching voltage:	max. 230VAC for one switching point; for two switching point max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to 100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65