

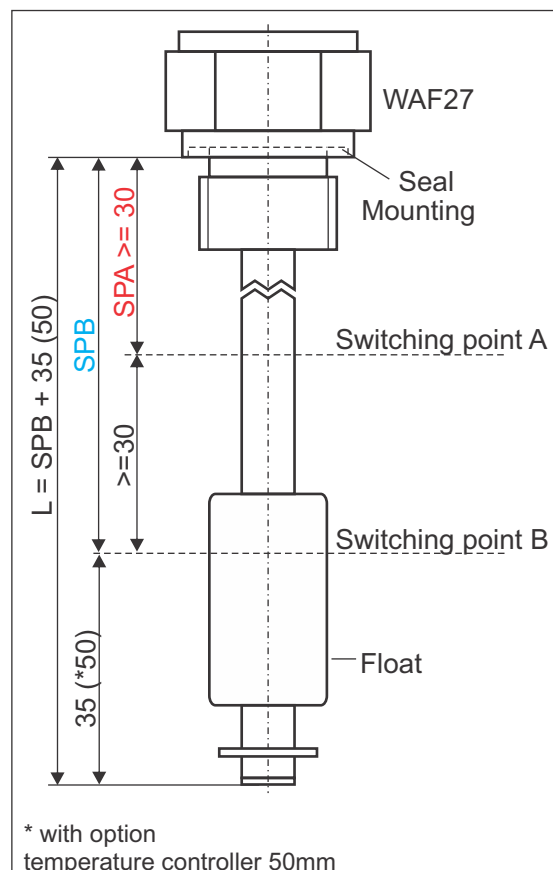
Data sheet

Mini float switch in brass with plug connection 2xM12

Order key

M60 . 1 . A1 . B4 . 100 . 200 . 09 . 01 . 8

Type mini float switch M60	Flaot ø17,8x32mm material NBR --- 8
Material tube brass tube ø8 --1	Mounting material aluminium / Pa6 screw connection 1/2" ----- 02 screw connection 3/4" ----- 13 screw connection 1" ----- 22 round-Flansch ø74 Lk60 ----- 46 screw connection M20x1,5 --- 01 screw connection M22x1,5 --- 24 screw connection M24x1,5 --- 33
Switching function 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	
Switching function point B 24VDC/150mA 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	
Connection 2x M12 4 pole --- 09	

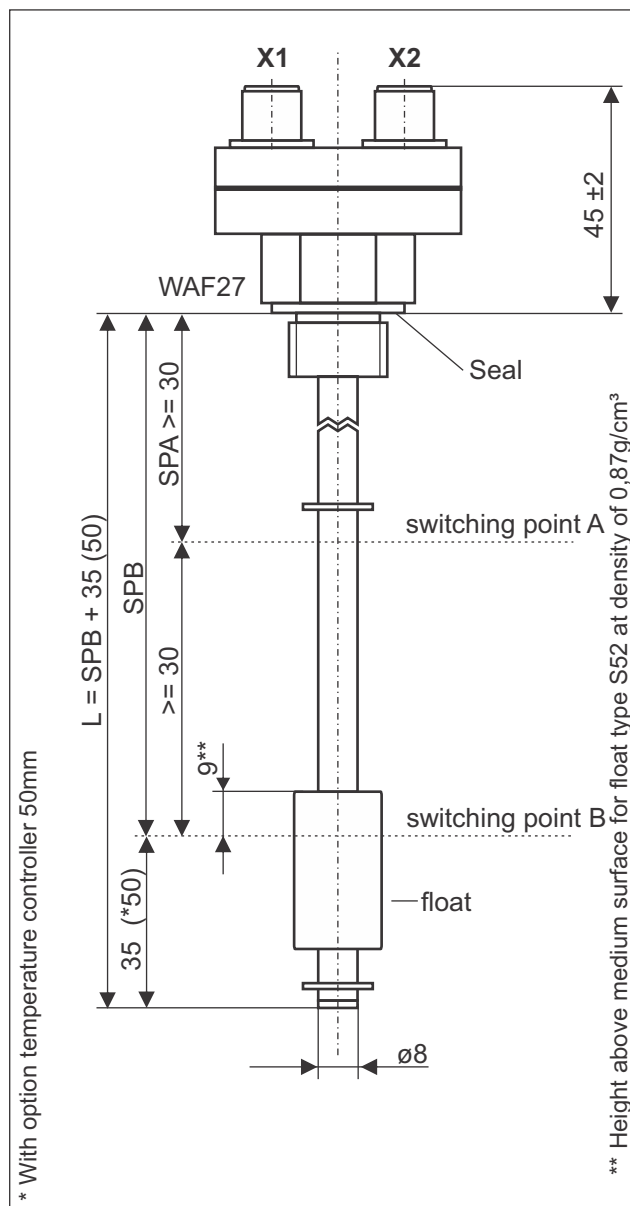


Data sheet

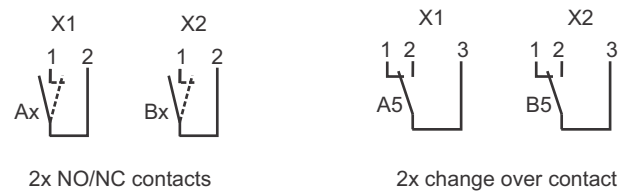
Mini float switch in brass with plug connection 2xM12

Type: M60...09.02.8

Mounting 1/2"



Example for terminal diagrams



Technical data

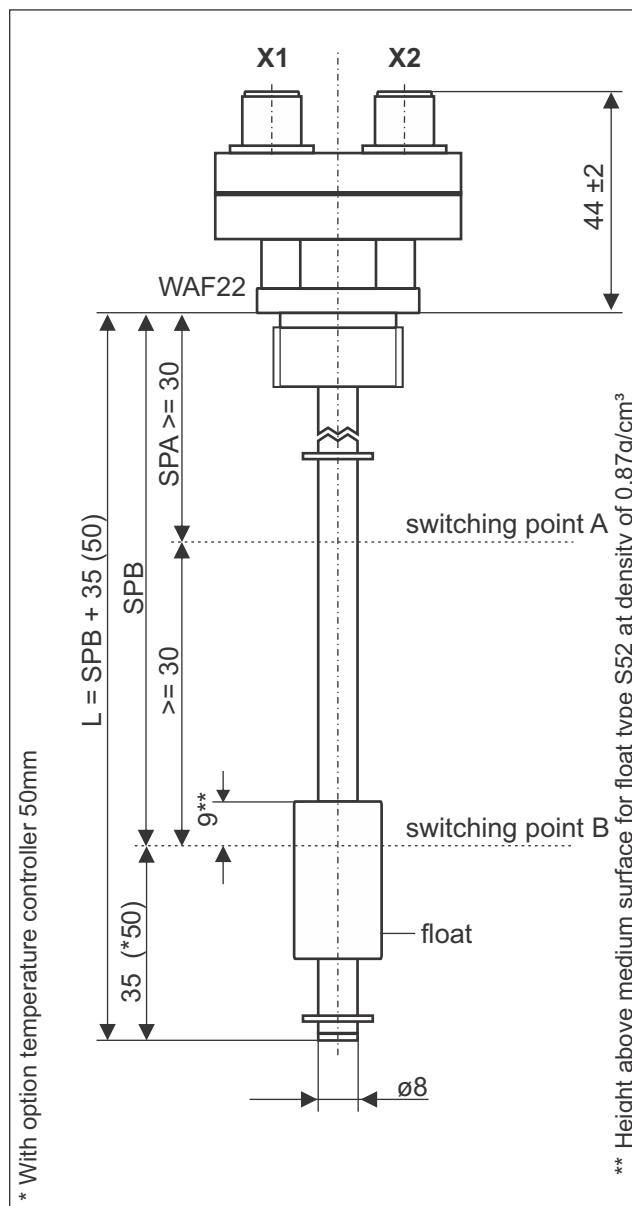
Connection:	plug-type connector 2x M12x1 4-pole, material TPU, on aluminium housing
Mounting:	thread 1/2", material aluminium
Mounting position:	vertical ± 10°
Seal:	profile seal, material NBR
Sliding tube:	ø8mm material brass, length and material according to customer specification
Float:	ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contact n.o., contact / n.c. contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

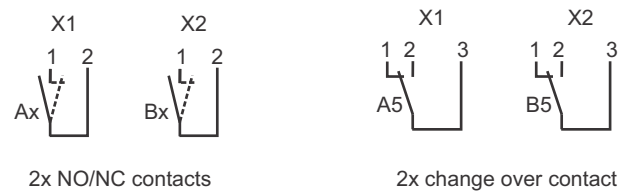
Mini float switch in brass with plug connection 2xM12

Type: M60...09.13.8

Mounting 3/4"



Example for terminal diagrams



Technical data:

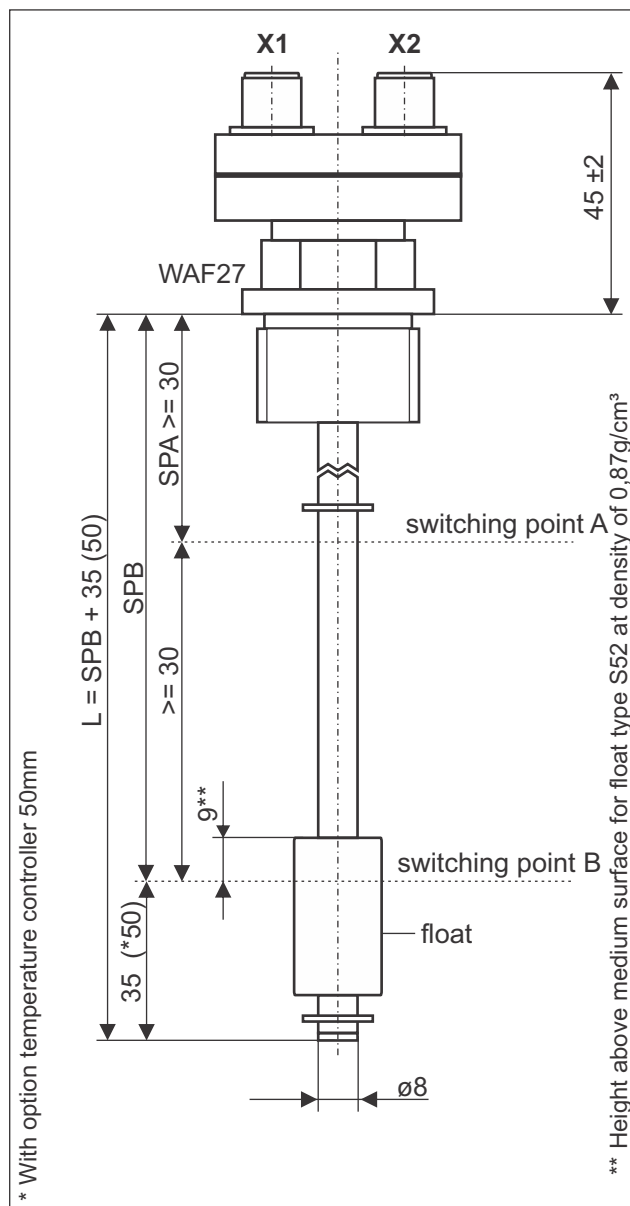
Connection:	Plug-type connector 2x M12x1 4-pole, material TPU, on alu housing
Mounting:	thread 3/4", material aluminium
Mounting position:	vertical $\pm 10^\circ$
Sliding tube:	$\varnothing 8$ mm material brass, length and material according to customer specification
Float:	$\varnothing 17,8 \times 32$ mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o., contact / n.c. contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

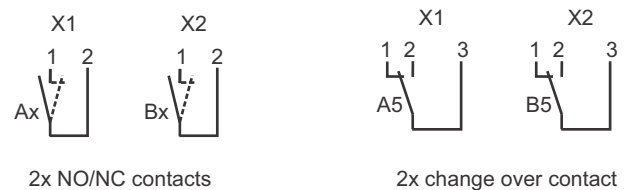
Mini float switch in brass with plug connection 2xM12

Type: M60...09.22.8

Mounting 1"



Example for terminal diagrams



Technical data

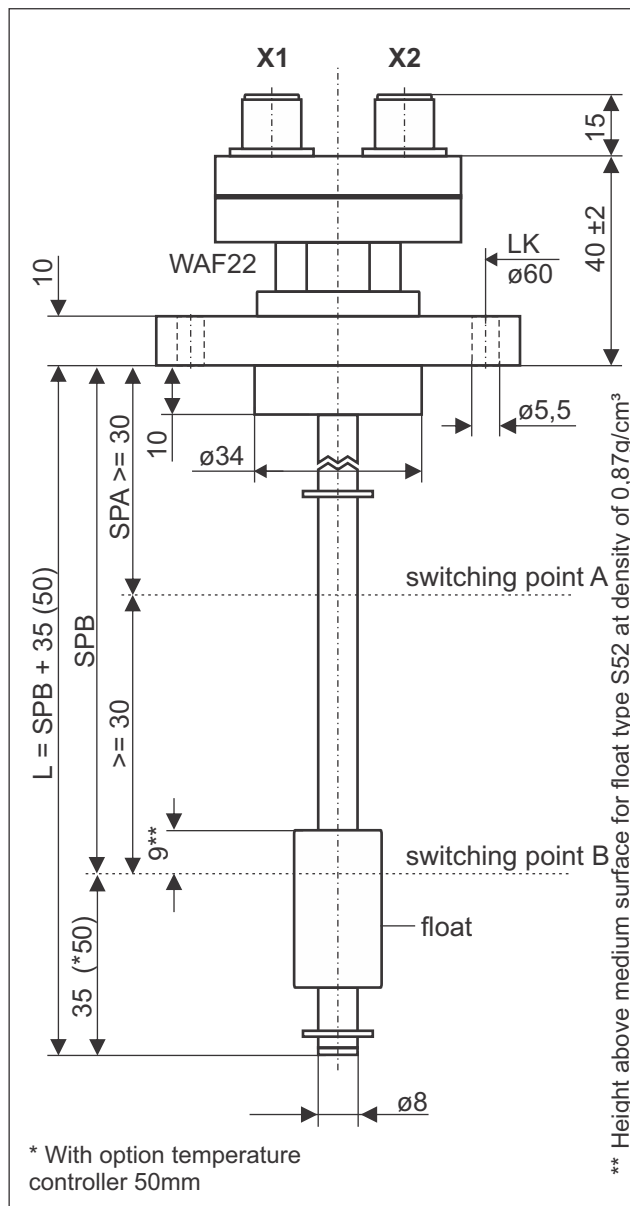
Connection:	plug-type connector 2x M12x1 4-pole, material TPU, on aluminium housing
Mounting:	thread 1", material aluminium
Mounting position:	vertical $\pm 10^\circ$
Sliding tube:	$\varnothing 8\text{mm}$ material brass, length and material according to customer specification
Float:	$\varnothing 17,8 \times 32\text{mm}$, material NBR, type S52
Reed contact:	max. 2x reed contact, n.o. contact / n.c. contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

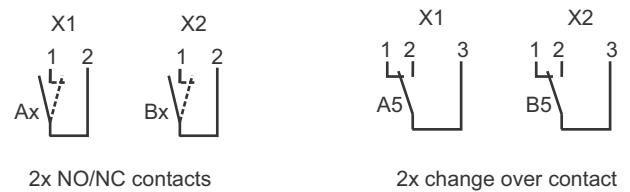
Mini float switch in brass with plug connection 2xM12

Typ: M60...09.46.8

Mounting round flange



Example for terminal diagrams



Technical data:

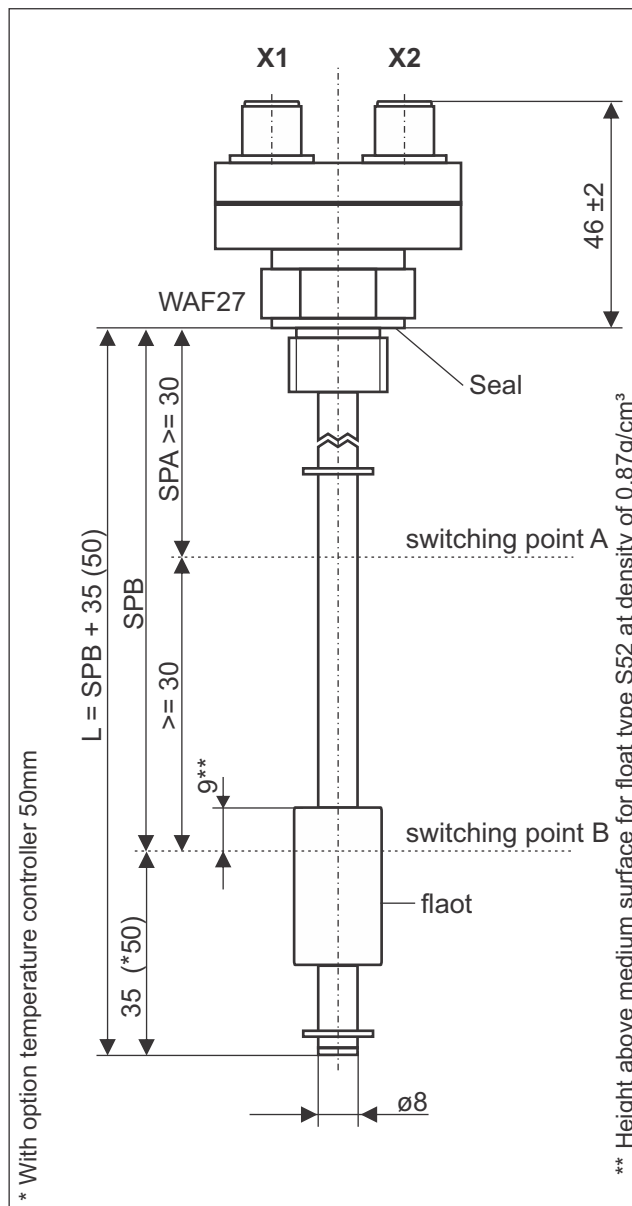
Connection:	plug-type connector 2x M12x1, 4-pole, material TPU, on alu housing
Mounting:	round flange AD 74mm, material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material brass, length and material according to customer specification
Float:	ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts, n.o. contact / n.c. Contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

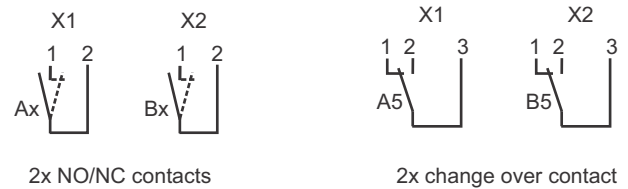
Mini float switch in brass with plug connection 2xM12

Type: M60...09.01.8

Mounting M20x1,5



Example for terminal diagrams



Technical data:

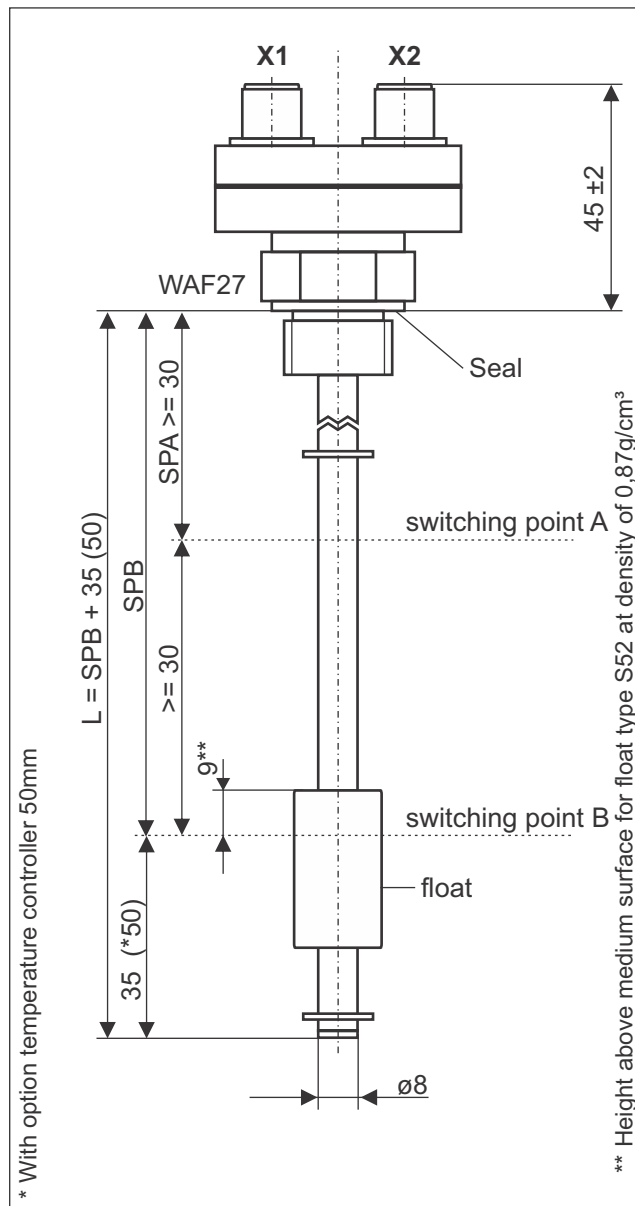
Connection:	connector 2x M12x1 4-pole, material TPU, on aluminium housing
Mounting:	thread M20x1,5, material aluminium
Mounting position:	vertical $\pm 10^\circ$
Seal:	profile seal, material NBR
Sliding tube:	Ø8mm material brass, length and material according to customer specification
Float:	Ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts, n.o. contact / n.c. Contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

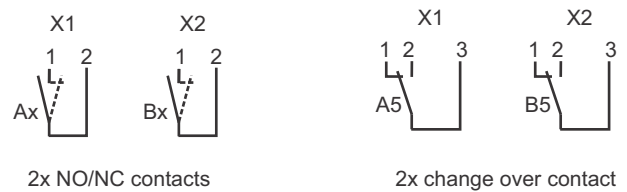
Mini float switch in brass with plug connection 2xM12

Type: M60...09.24.8

Mounting M22x1,5



Example for terminal diagrams



Technical data:

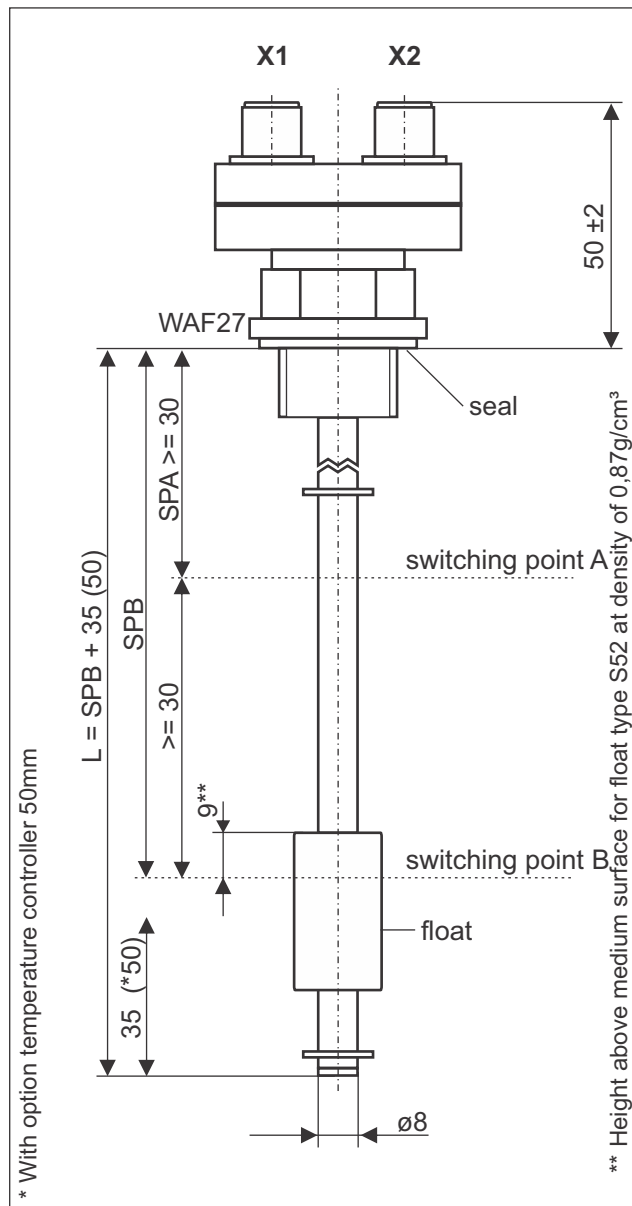
Connection:	plug-type connector 2x M12x1, 4-pole, material TPU, on aluminium housing
Mounting:	thread M22x1,5, material aluminium
Mounting position:	vertical $\pm 10^\circ$
Seal:	profile seal, material NBR
Sliding tube:	$\varnothing 8$ mm material brass, length and material according to customer specification
Float:	$\varnothing 17,8 \times 32$ mm, material NBR, type S52
Reed contact:	max. 2x reed contacts, n.o. contact / n.c. Contact or 2x change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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

Data sheet

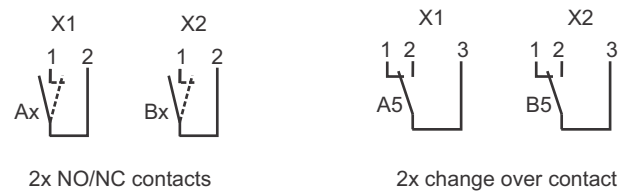
Mini float switch in brass with plug connection 2xM12

Type: M60...09.33.8

Mounting M24x1,5



Example for terminal diagrams



Technical data:

Connection:	plug-type connector 2x M12x1, 4-pole, material TPU, on alu housing
Mounting:	thread M24x1,5, material aluminium
Mounting position:	vertical $\pm 10^\circ$
Seal:	profile seal, material NBR
Sliding tube:	$\varnothing 8$ mm material brass, length and material according to customer specification
Float:	$\varnothing 17,8 \times 32$ mm, material NBR, type S52
Reed contact:	max. 2x reed contacts, n.o. contact / n.c. contact or change over contact, function bistable
Switching voltage:	max. 24VDC
Switching current:	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