

Data sheet

Mini float switch in brass with terminal housing

Order key

M60. 1 . A1 . B4 . 100 . 200 . 10 . 01 . 8

Type mini float switch M60

Material tube
brass tube ø8 --1

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

Switching function point B 230VAC/1A (1 switching point)
24VDC/150mA (2 switching point)
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

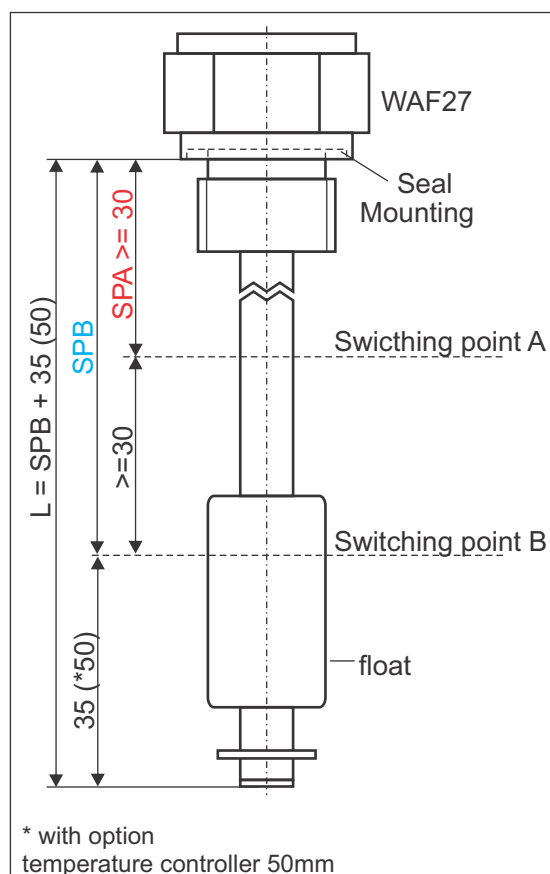
Switching point SPA
in mm according to customer's indication

Switching point SPB
in mm according to customer's indication

Connection
terminal housing --- 10

Float
ø17,8x32mm material NBR --- 8

Mounting material alu / PA6
screw connection 1/2" ----- 02
oval flange Lk55 ----- 23
screw connection 3/4" ----- 13
round flange ø74 Lk60 ----- 46
screw connection M20x1,5 ----- 01
screw connection 1" ----- 22
screw connection M24x1,5 ----- 33
screw connection M22x1,5 ----- 24

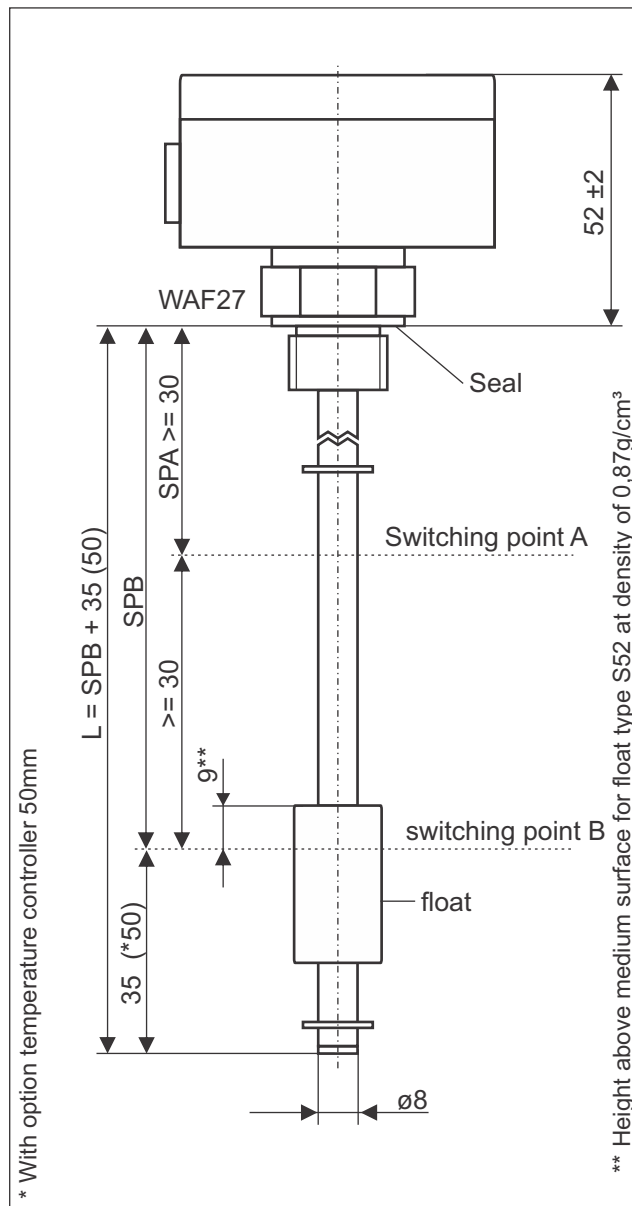


Data sheet

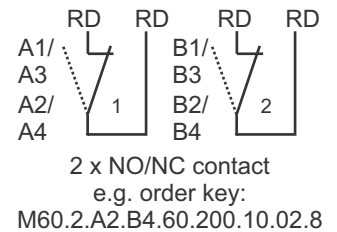
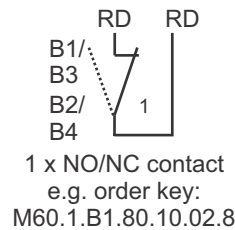
Mini float switch in brass with terminal housing

Type: M60...10.02.8

Mounting 1/2"



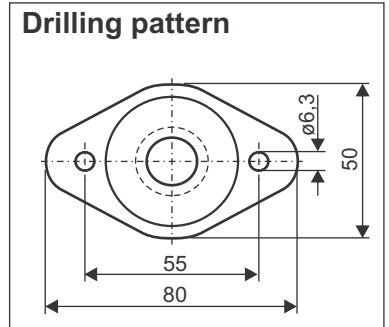
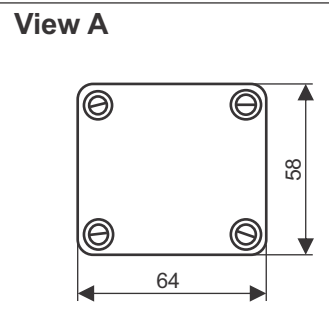
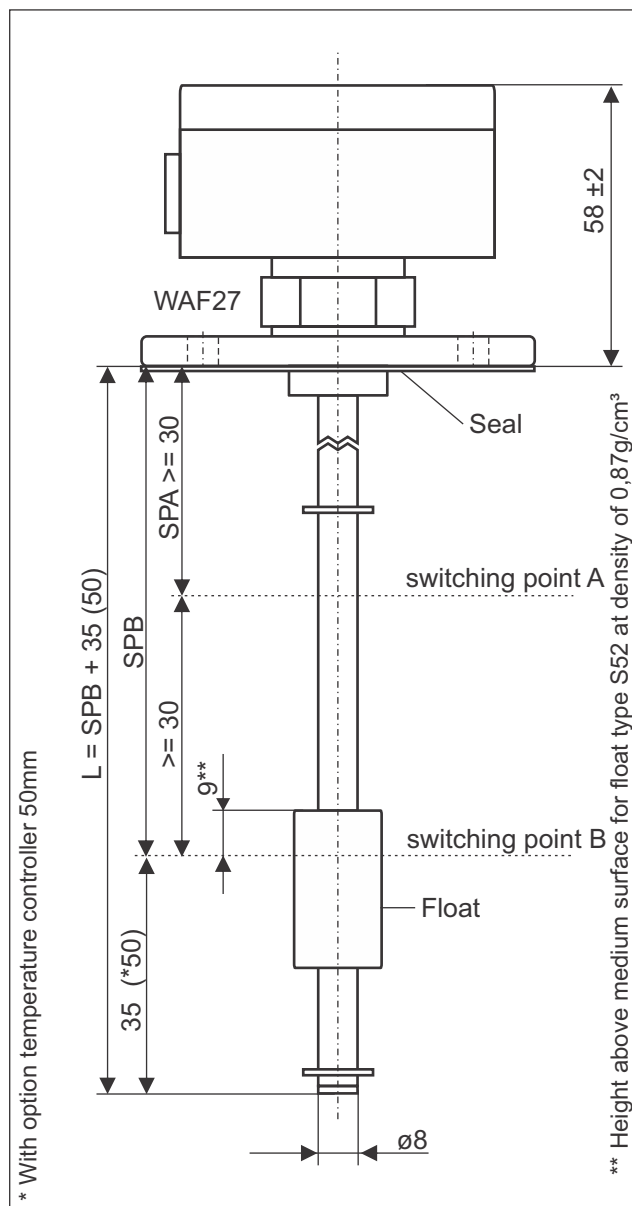
Example for Terminal diagrams



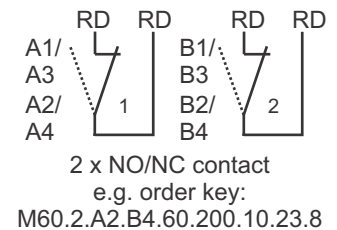
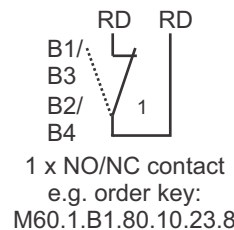
Technical data:

Connection:	terminal connection 1,5mm² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	thread 1/2", material aluminium
Mounting position:	vertical ± 10°
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. 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

Data sheet
Mini float switch in brass with terminal housing
Type: M60...10.23.8
Mounting oval flange



Example for terminal diagrams



Technical data:

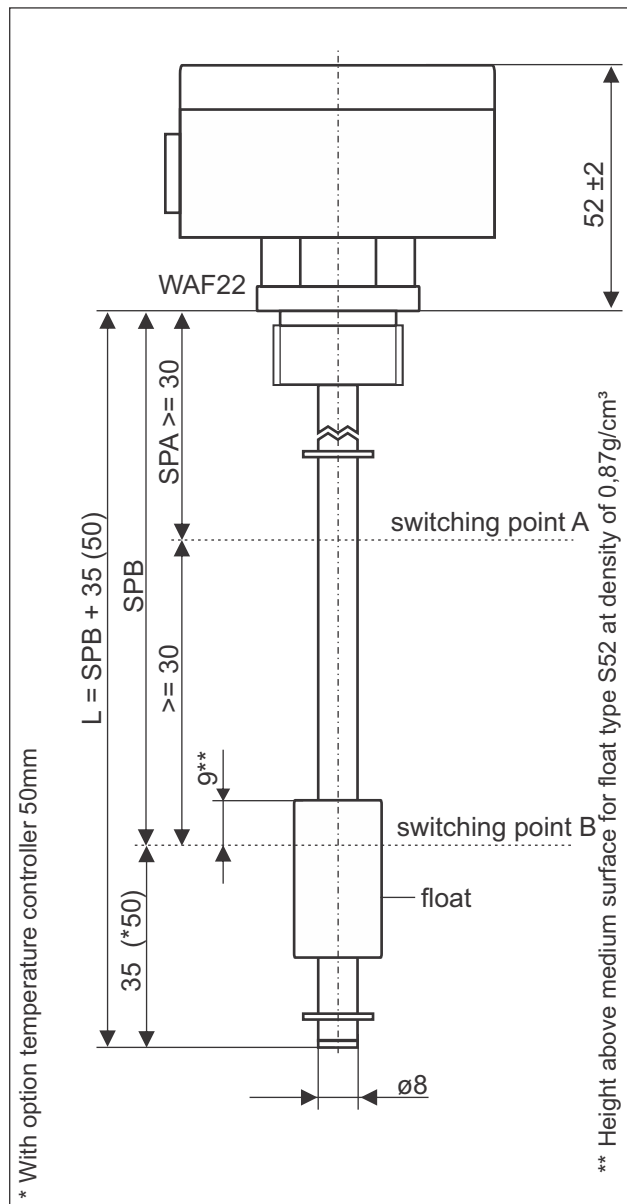
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	oval flange, material PA6 GF 30 (Makrolon)
Mounting position:	vertical ± 10°
Seal:	material NBR
Sliding tube:	ø8mm material brass, length and material according to customer specification
Float:	ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. 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

Data sheet

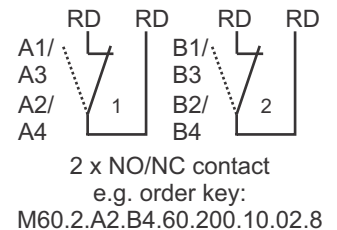
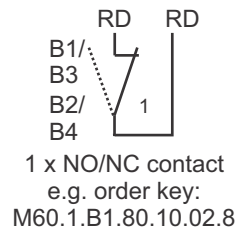
Mini float switch in brass with terminal housing

Type: M60...10.13.8

Mounting 3/4"



Example for Terminal diagrams



Technical data:

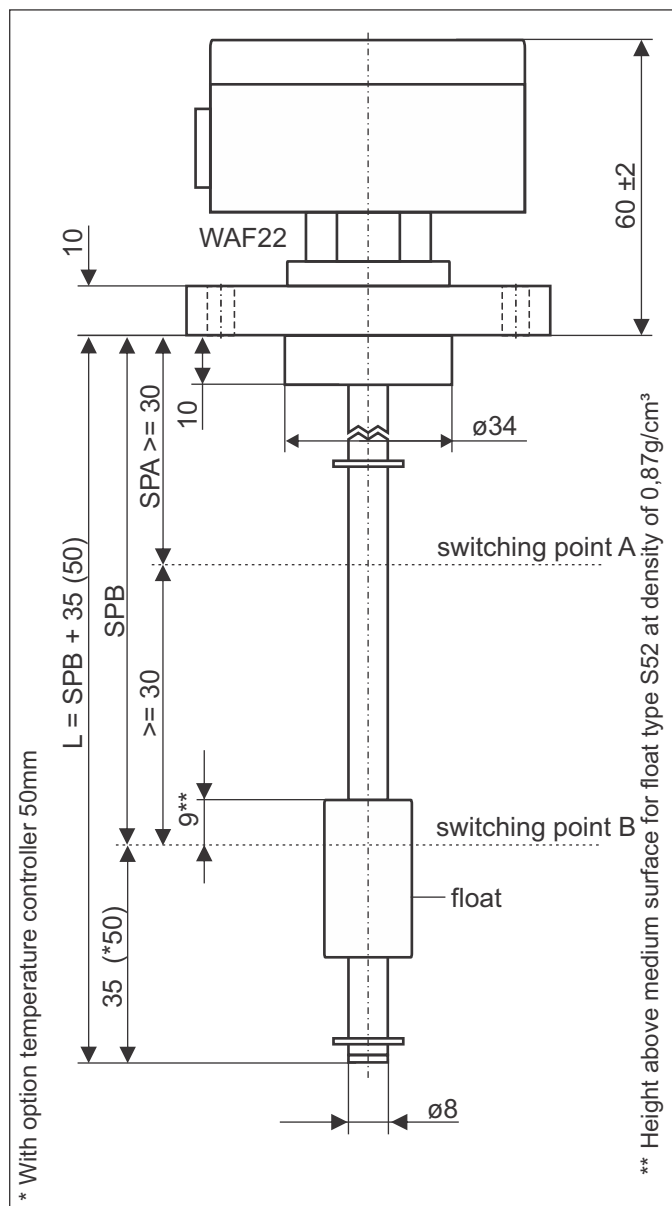
Connection:	terminal connection 1,5mm ² in the housing ,64x58x35mm (wxdxh) cable entry at the housing M16x1,5, housing material aluminium, colour grey thread 3/4", material aluminium
Mounting:	vertical ± 10°
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material brass, length and material according to customer specification
Float:	ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. 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

Data sheet

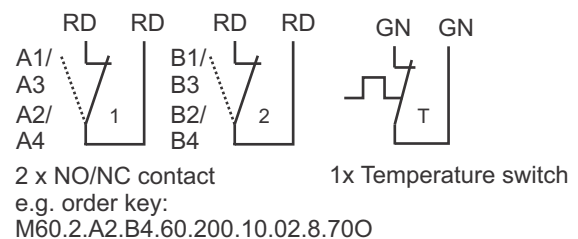
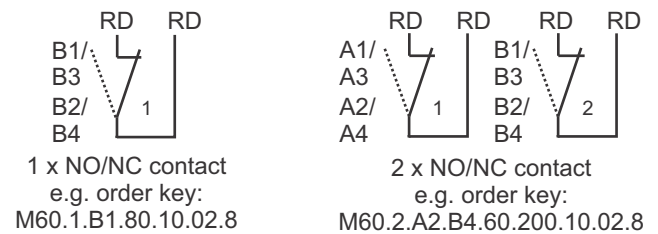
Mini float switch in brass with terminal housing

Type: M60...10.46.8

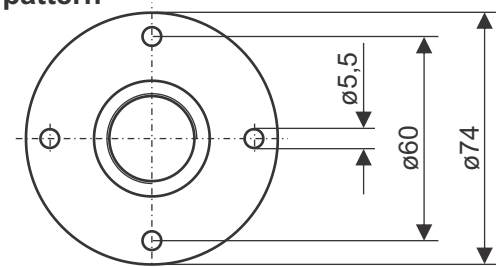
Mounting round flange



Example for Terminal diagrams



Drilling pattern



Technical data:

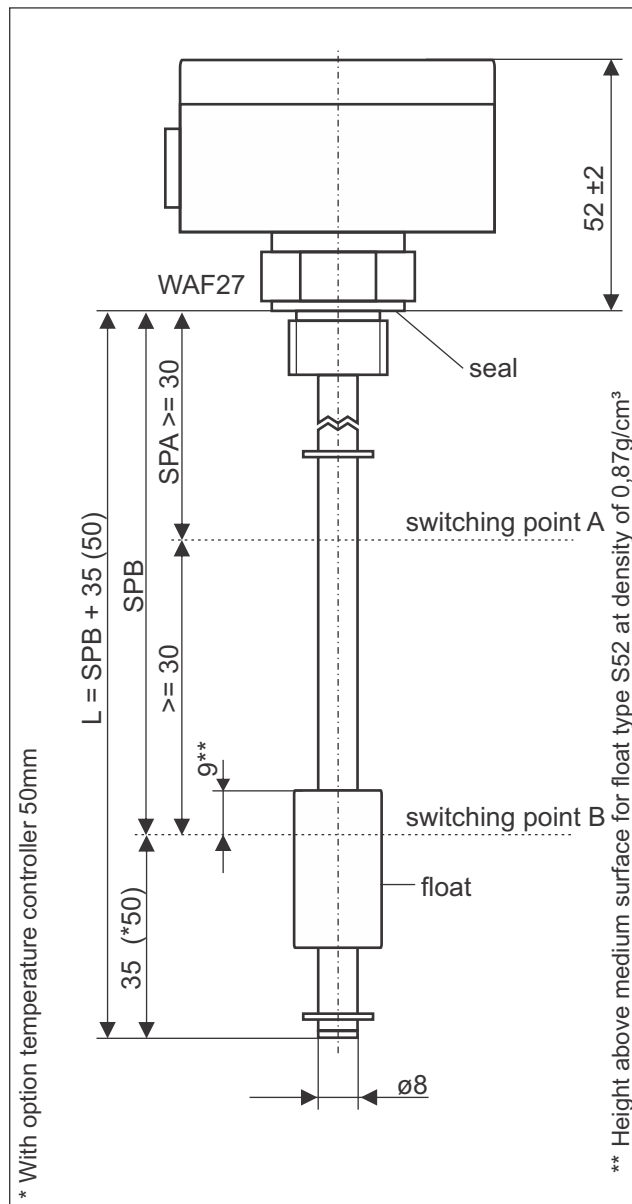
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	round flange AD74mm, material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material brass, length and material according to customer specification
Float:	ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. 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

Data sheet

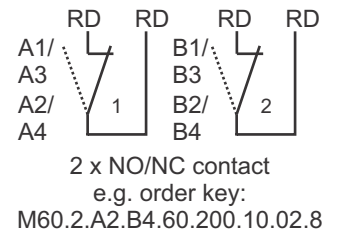
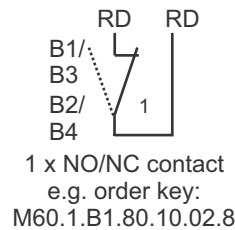
Mini float switch in brass with terminal housing

Type: M60...10.01.8

Mounting M20x1,5



Example for Terminal diagrams



Technical data:

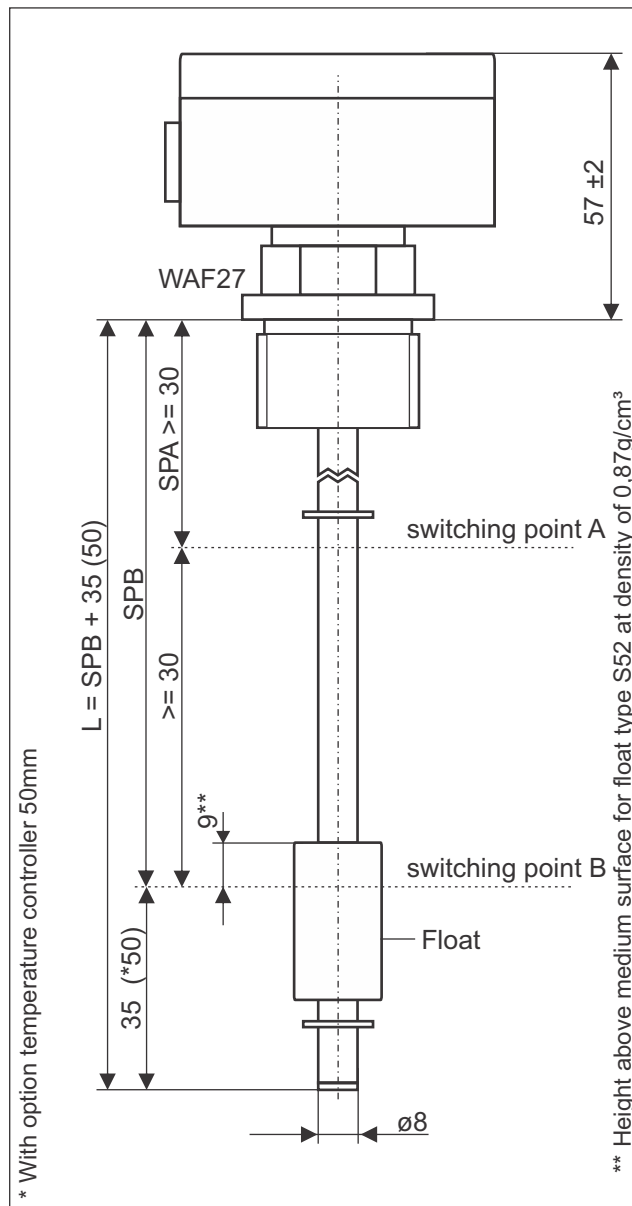
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	thread M 20x1,5, material aluminium
Mounting position:	vertical ± 10°
Seal:	material NBR
Sliding tube:	Ø8mm material brass, length and material according to customer specification
Float:	Ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts, n.o. 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

Data sheet

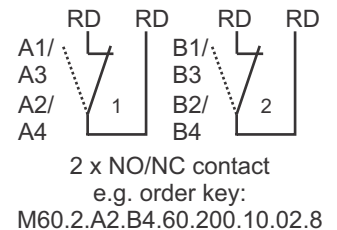
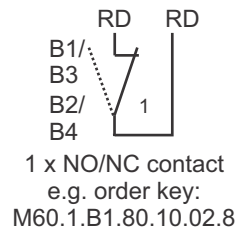
Mini float switch in brass with terminal housing

Type: M60...10.22.8

Mounting 1"



Example for Terminal diagrams



Technical data:

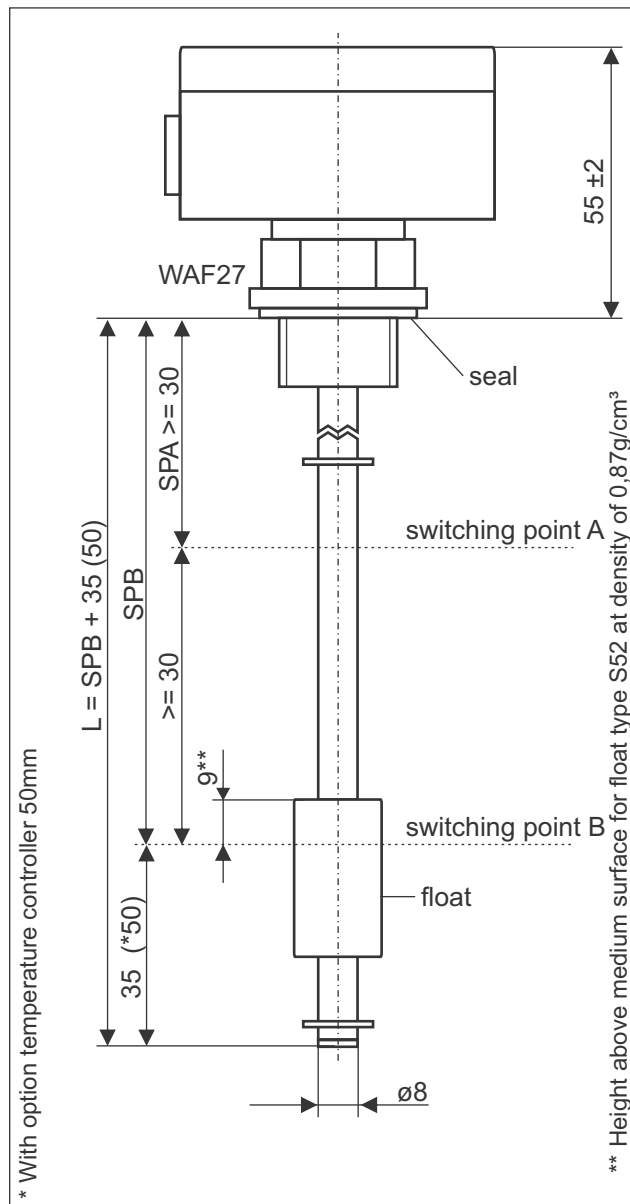
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	thread 1", material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	Ø8mm material brass, length and material according to customer specification
Float:	Ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. 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

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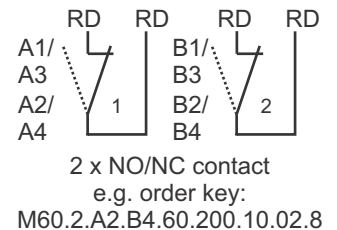
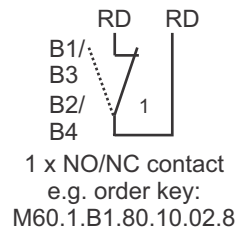
Mini float switch in brass with terminal housing

Type: M60...10.33.8

Mounting M24x1,5



Example for Terminal diagrams



Technical data:

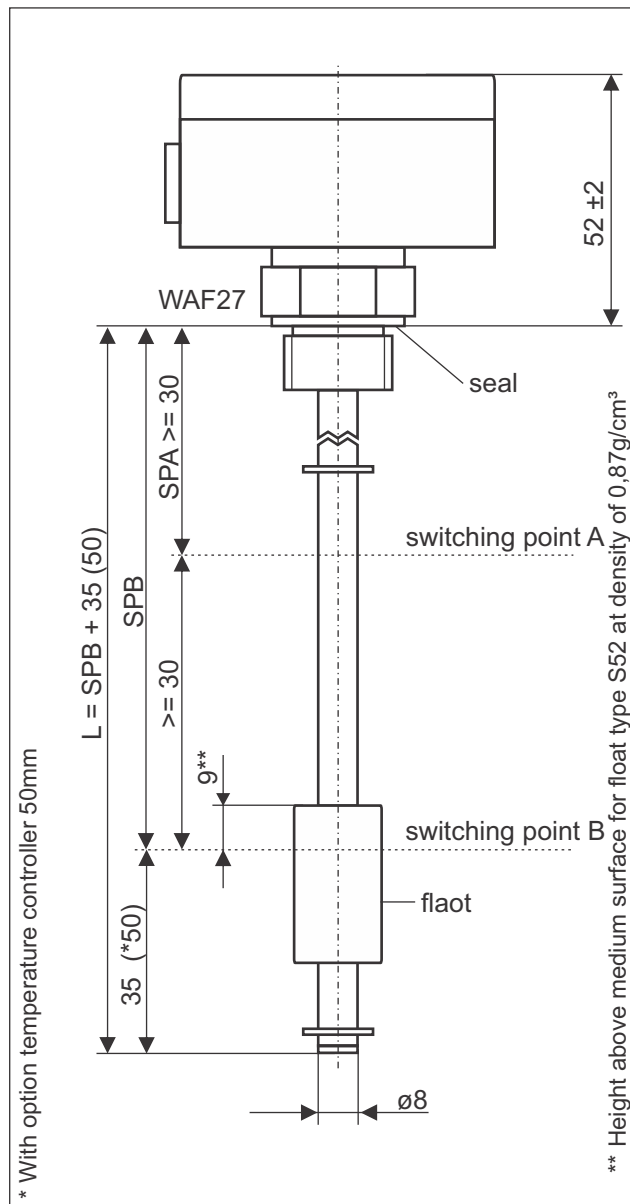
Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	thread M 24x1,5, material aluminium
Mounting position:	vertical ± 10°
Seal:	material NBR
Sliding tube:	Ø8mm material brass, length and material according to customer specification
Float:	Ø17,8x32mm, material NBR, type S52
Reed contact:	max. 2x reed contacts n.o. 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

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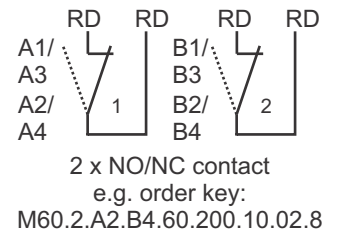
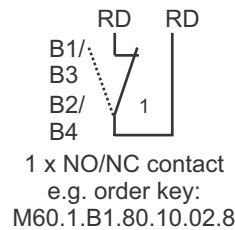
Mini float switch in brass with terminal housing

Type: M60...10.24.8

Mounting M22x1,5



Example for Terminal diagrams



Technical data:

Connection:	terminal connection 1,5mm ² in the housing, cable entry at the housing M16x1,5, housing material aluminium, colour grey
Mounting:	thread M 22x1,5, material aluminium
Mounting position:	vertical ± 10°
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. 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