Data sheet
Mini float switch in stainless steel with plug connector 3-pole

Order key

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

Type mini float switch M60

Material tube
stainless steel 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

Function switching point B 24VDC/150mA
230VAC/1A (with 1 switching point)

function:
closes on level rise -- B1
opens on level rise -- B2
closes on level drop -- B3
opens on level drop -- B4

Comment:
For a device with only one switching point please use switching point B
Example: M60.1.B4.100.01.01.8

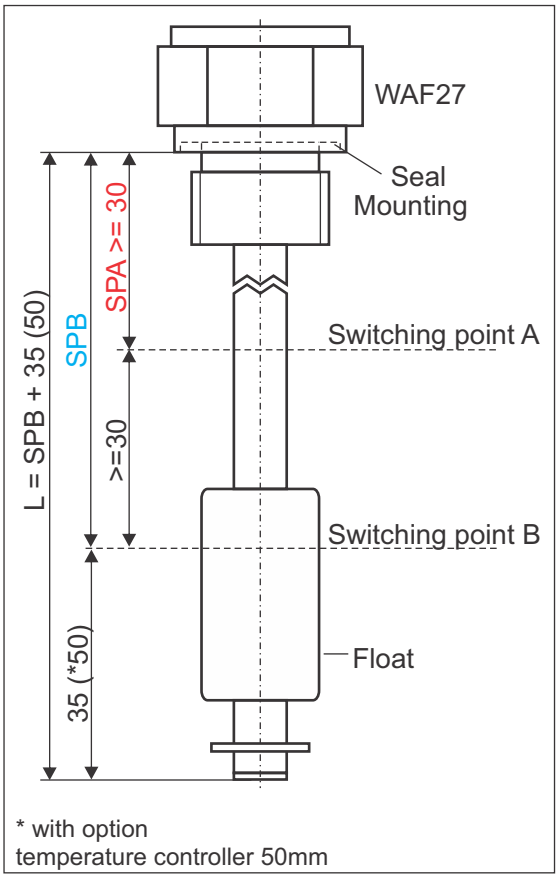
Switching point SPA
in mm according to customer´s indication

Switching point SPB
in mm according to customer´s indication

Float
ø17,8x32mm material NBR --- 8

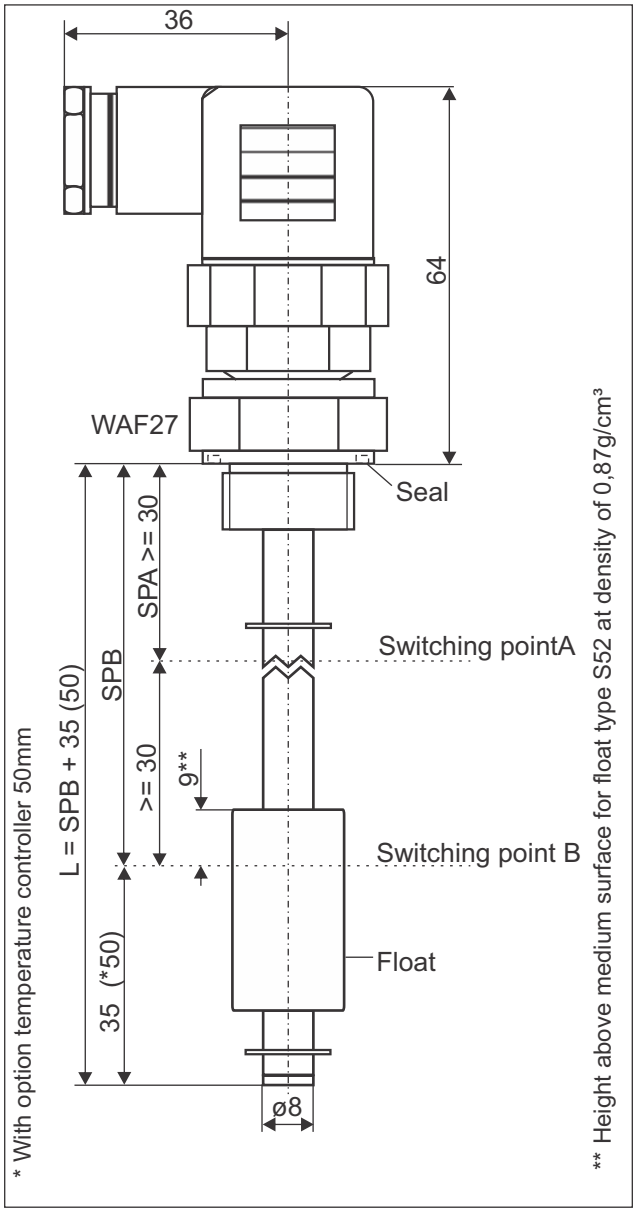
Mounting material alu / Pa6
screwed connection 1/2" --------- 27
oval flange Lk55 ---------- 23
screwed connection 3/4" --------- 13
round flange ø74 Lk60 --- 46
screwed connection M20x1,5 --- 01
screwed connection 1" ---------- 22
screwed connection M24x1,5 --- 33
screwed connection M22x1,5 --- 24

Connection --- 01
3pol + PE DIN EN 175301-803



* with option
temperature controller 50mm

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.27.8
Mounting 1/2”



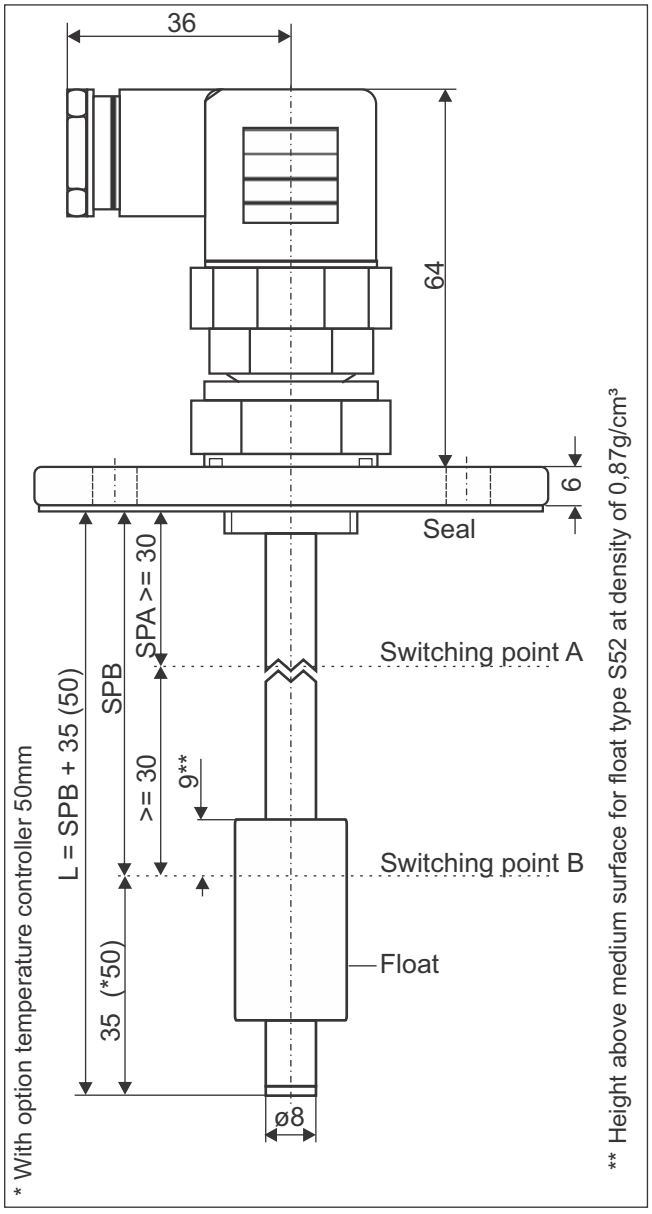
Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

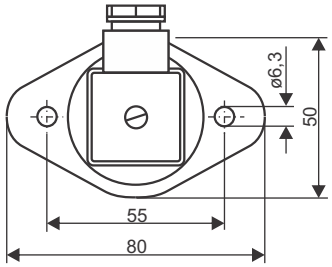
Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread 1/2”, material aluminium
Mounting position:	vertical ± 10°
Seal:	profile seal, material NBR
Sliding tube:	ø8mm material stainless steel, length and material accto 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 to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.23.8
Mounting oval flange



View



Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	oval flange, LK 55mm, material makrolon
Mounting position:	vertical ± 10°
Seal:	flat seal, material NBR
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

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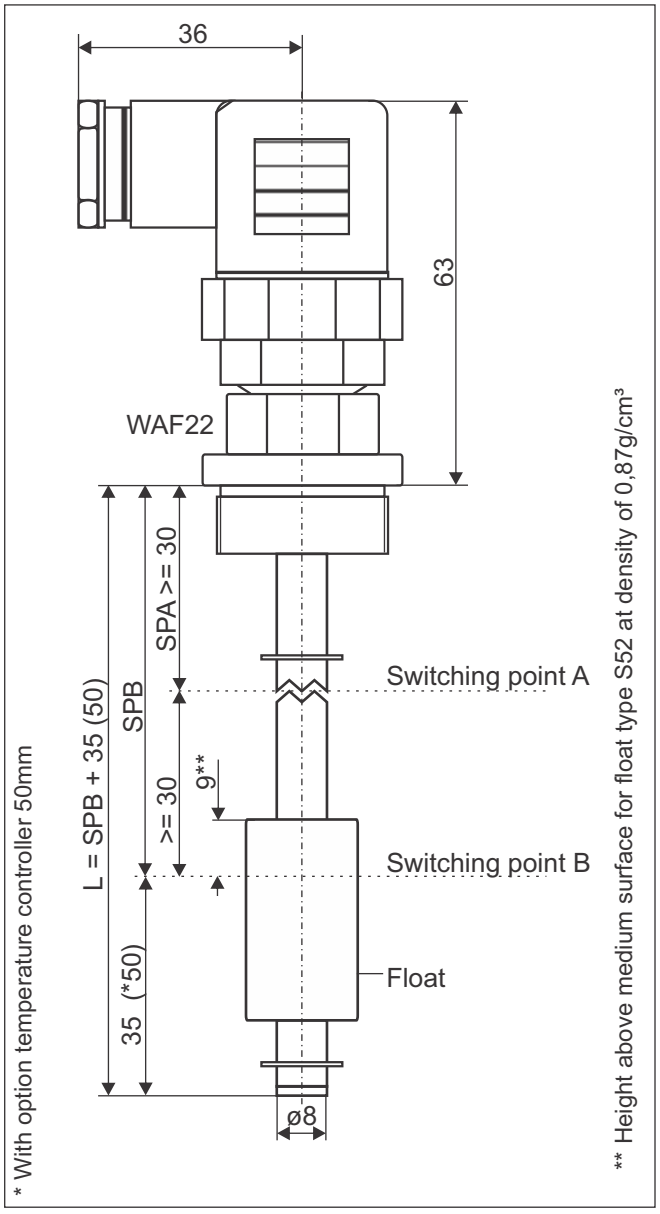
Subject to change
Dimensions in mm

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.13.8
Mounting 3/4”



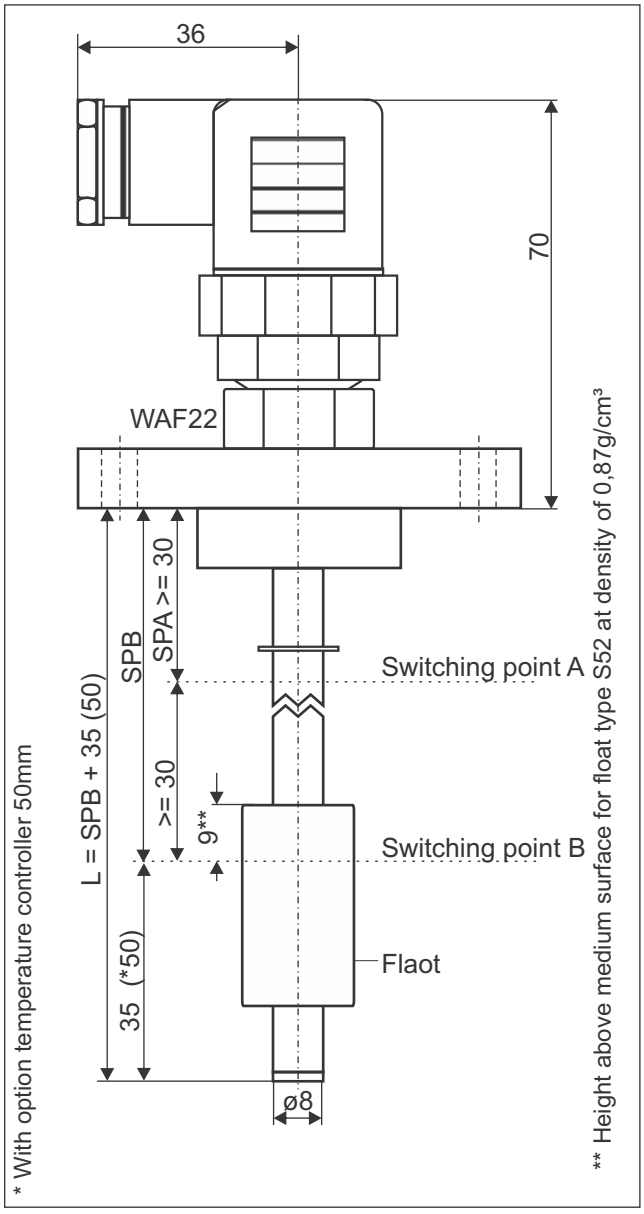
Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

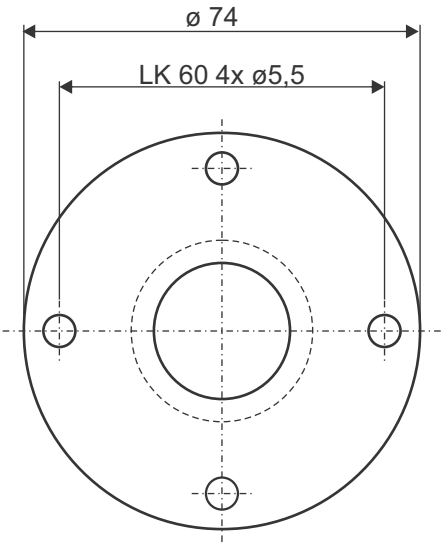
Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread 3/4”, material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points 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 stainless steel with plug connector 3-pole
Type: M60...01.46.8
Mounting round flange



View



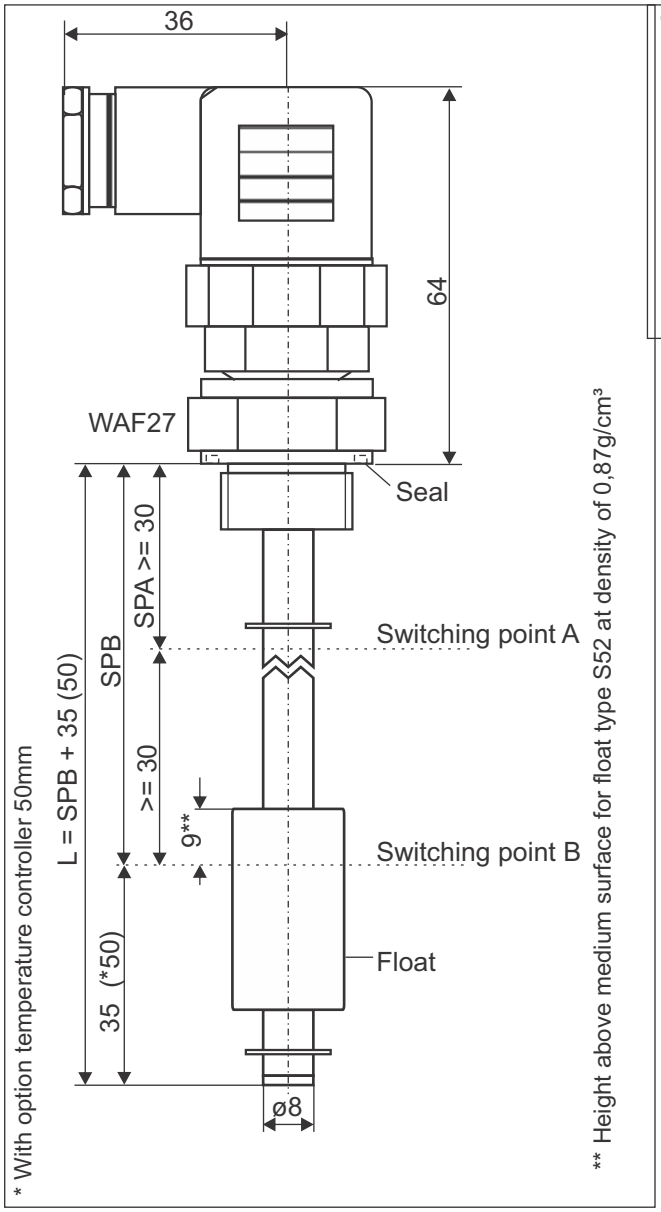
Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	round flange AD 74mm, LK 60mm, material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.01.8
Mounting M20x1,5



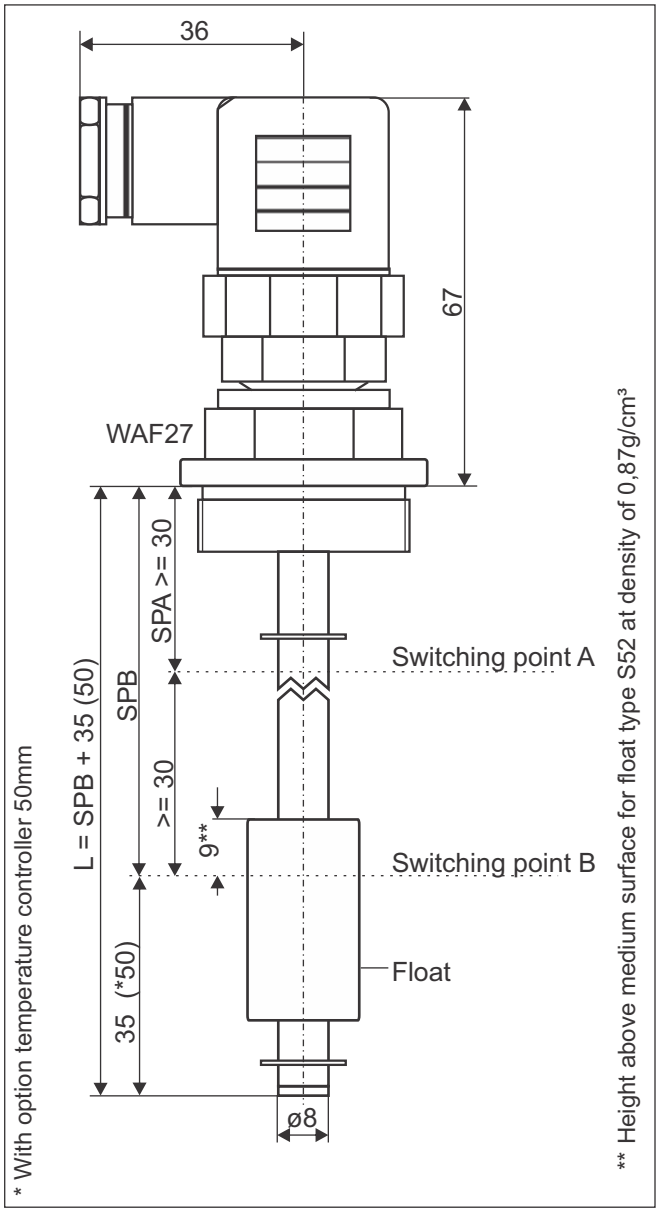
Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread M20x1,5mm, material aluminium
Mounting position:	vertical ± 10°
Seal:	profile seal, material NBR
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.22.8
Mounting 1”



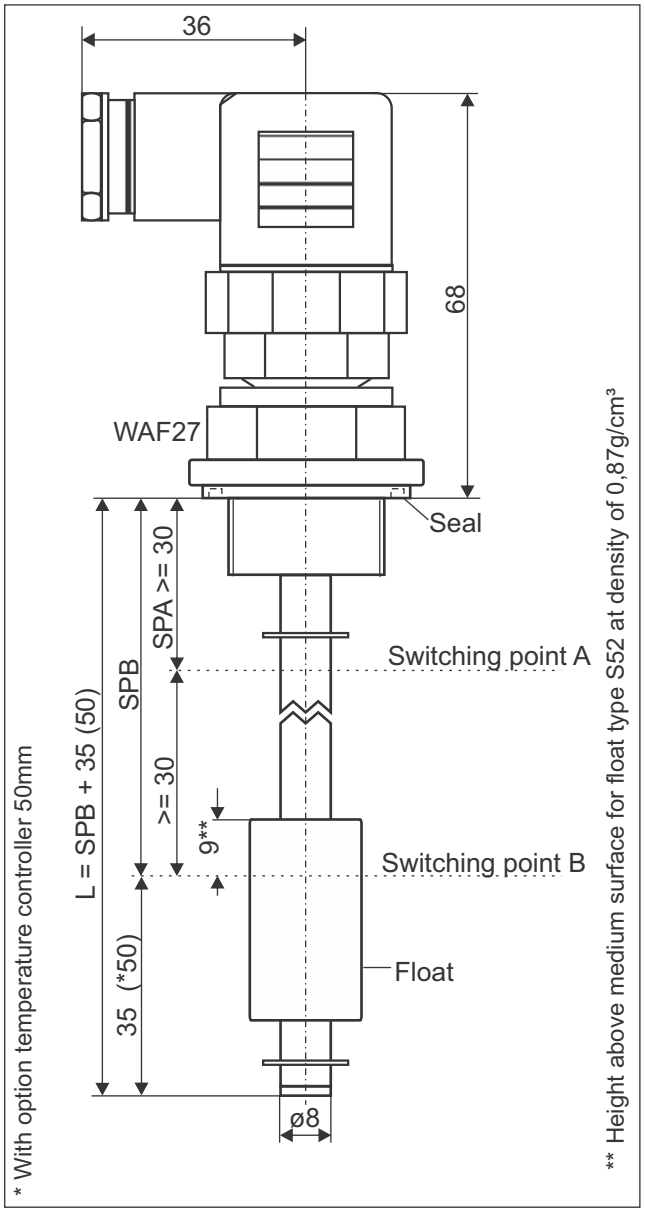
Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread 1”, material aluminium
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.33.8
Mounting M24x1,5



Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread M24x1,5mm, material aluminium
Mounting position:	vertical ± 10°
Seal:	O-ring ø26x2, material NBR
Sliding tube:	ø8mm material stainless steel, length and material acc. 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

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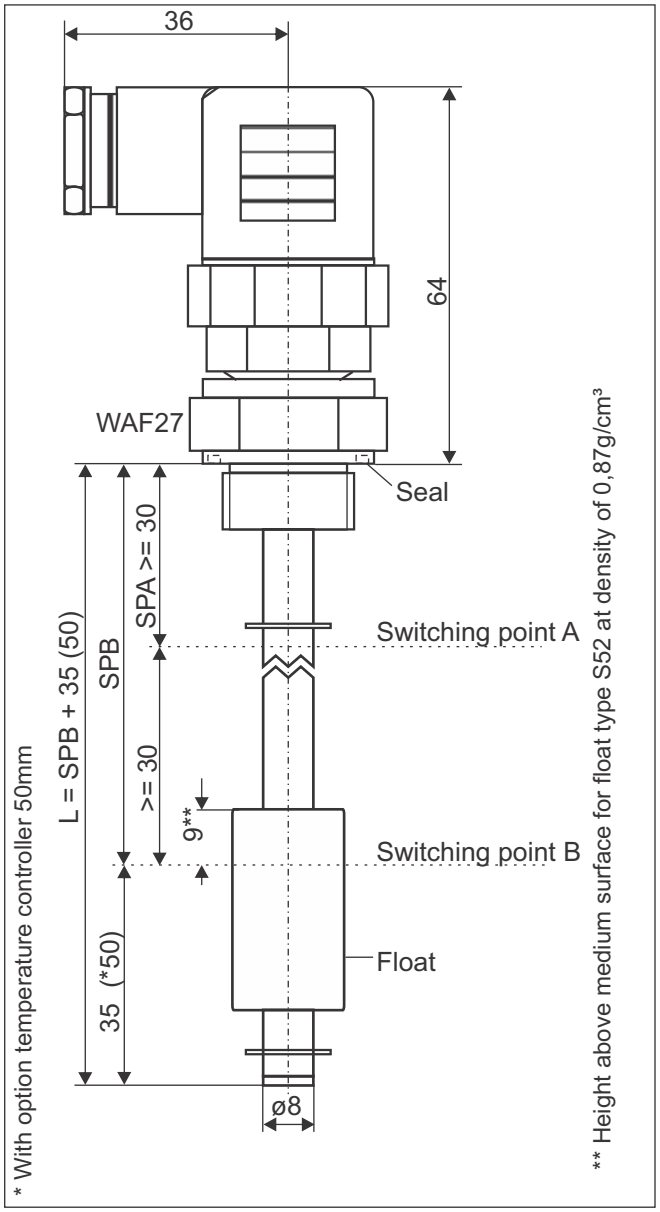
Subject to change
Dimensions in mm

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60...01.24.8
Mounting M22x1,5



Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread M22x1,5mm, material aluminium
Mounting position:	vertical ± 10°
Seal:	profile seal, material NBR
Sliding tube:	ø8mm material stainless steel, length and material acc 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 points max. 24VDC
Switching current:	1A for one switching point; for two switching points 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65

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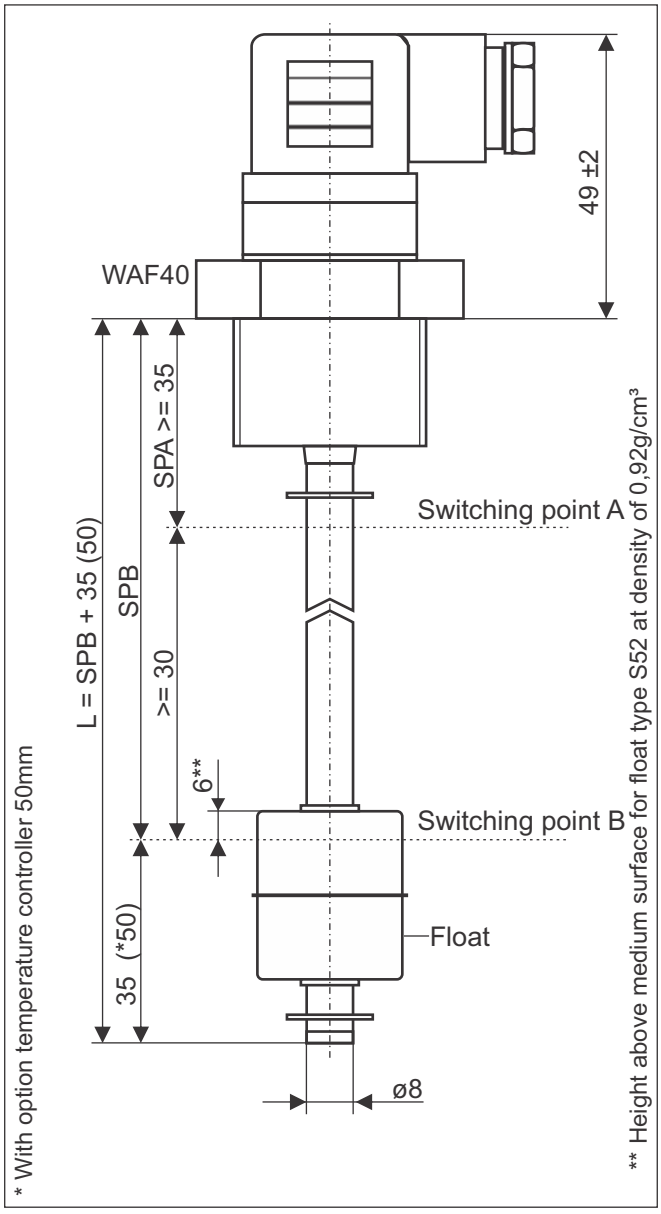
Subject to change
Dimensions in mm

Data sheet
Mini float switch in stainless steel with plug connector 3-pole
Type: M60.2...01.10.2
Mounting 1”



Terminal diagrams 3-pole + PE DIN EN 175301-803
(further connection alternatives upon requests)

Comment: Contacts possible either as n.o. contact or n.c. contact

Technical data:

Connection:	3 pole + PE connector according DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread 1”, material stainless steel
Mounting position:	vertical ± 10°
Sliding tube:	ø8mm material stainless steel, length according to customer specification
Float:	ø17,8x32mm, material stainless steel, type S12
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 point 150mA
Pressure:	max. 1 bar
Operating temperature:	-20°C to100°C in medium, -15°C to 70°C above mounting
Protection rating:	IP 65