

Data sheet

Mini float switch in plastic

Type: M60....

Order key

M60. 4 . A1 . B4 . 100 . 200 . 01 . 85 . 7

Type mini float switch M60

Material tube
PP tube ø8 ---4
PVDF tube ø8 - 5

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

Function:

closes on level rise --- B1
opens on level rise --- B2
closes on level rise --- B3
opens on level rise --- B4
change over contact --B5
function rotatable ---B3/B4

Explanation: For a device with one switching point Use switching point B.
Example: M60.4.B4.100.01.85.7

Switching point SPA
in mm customer specification

Switching point SPB
in mm customer specification

Connection

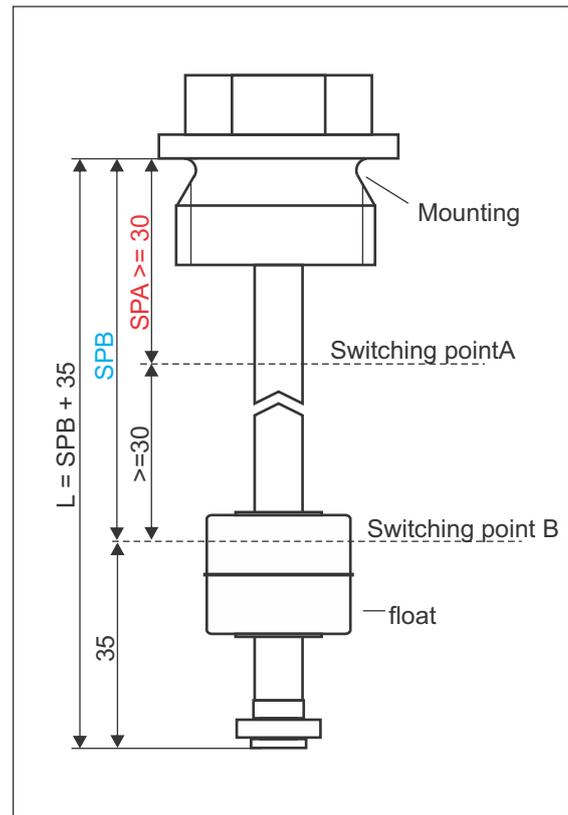
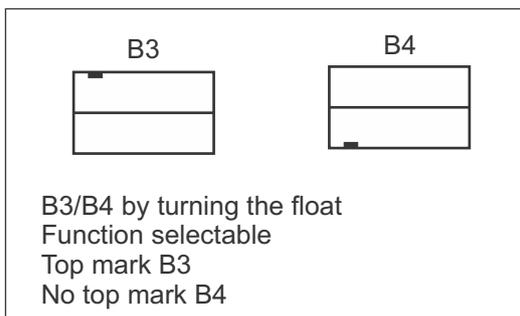
DIN EN 175301-803Plug 3pol + PE --- 01
M12 4 pol --- 02
Cable ---41

Float

ø25x21mm material PP --- 7
ø25x21mm material PVDF --- 9

Mounting

thread 1" PP -----	85
thread 1/2" PP -----	86
thread 1/2" installation from the inside PP -----	91
thread 3/4" PP -----	87
thread 1" PVDF -----	88
thread 1/2" PVDF -----	89
thread 1/2" installation from the inside PVDF-----	92
thread 3/4" PVDF -----	90

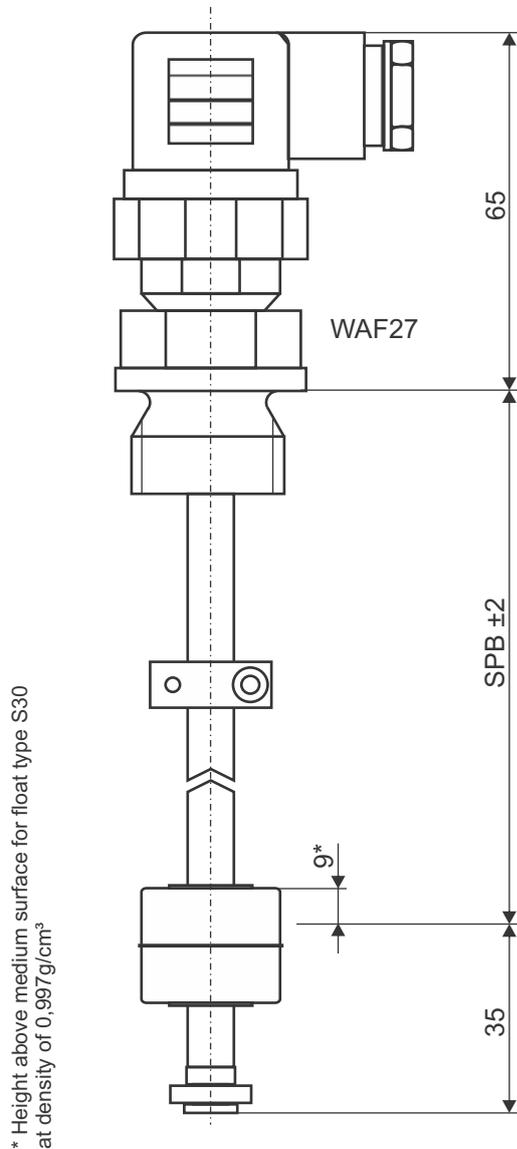


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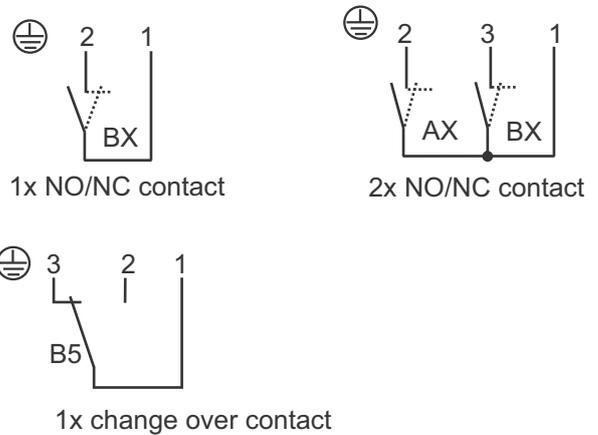
Mini float switch in plastic

Type: M60....

Illustrated: M60.4....01.87.7



Terminal diagram



Technical data

Connection:	plug connection 3-poe PE, DIN EN 175301-803 (DIN 43650), material PA
Mounting:	thread 1", 1/2" or 3/4", DIN 3852 form A, material PP or PVDF
Tube:	Ø8mm, length according to specification, material PP or PVDF
Float:	Ø25x21mm, material PP, type S30 Ø25x21mm, material PVDF, type S66
Circlip:	removable, material PP or PVDF
Switching points:	max. 2x reed contacts n.o. contact, n.o. contact or 1x change over contact, function bistabil
Switching capacity:	max. (with 2 switching points) 24VDC/ 150mA max. 230VAC/1A (with 1 switching point)
Pressure:	max. 1 bar
Operating temperature:	-20°C to 80°C in medium, -20°C to 70°C above mounting (PP) -20°C to 100°C in medium, -20°C to 70°C above mounting (PVDF)
Protection rating:	IP 65