

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

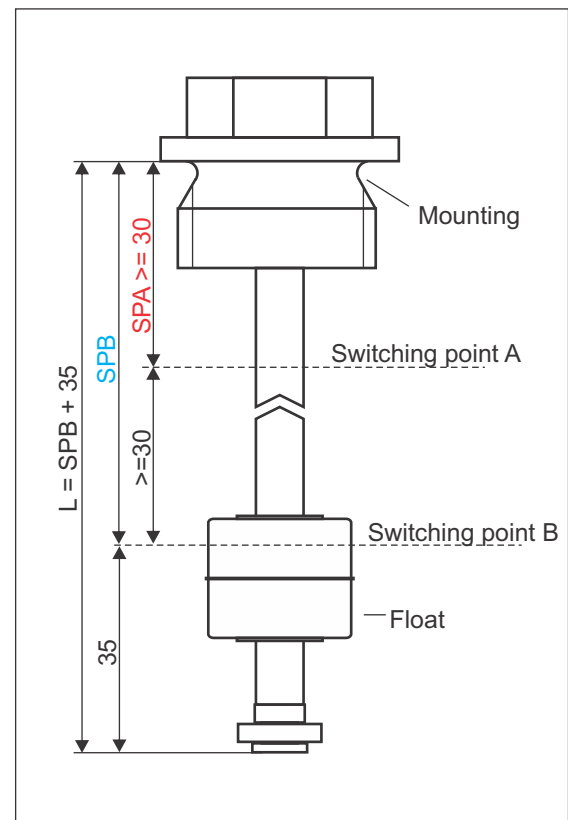
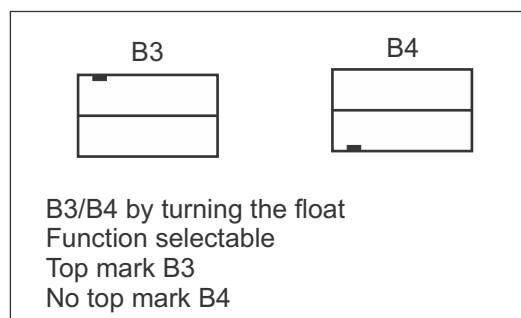
DIN EN 175301-803Plug 3pol + PE --- 01
M12 4 pol --- 02
Cable ---41

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

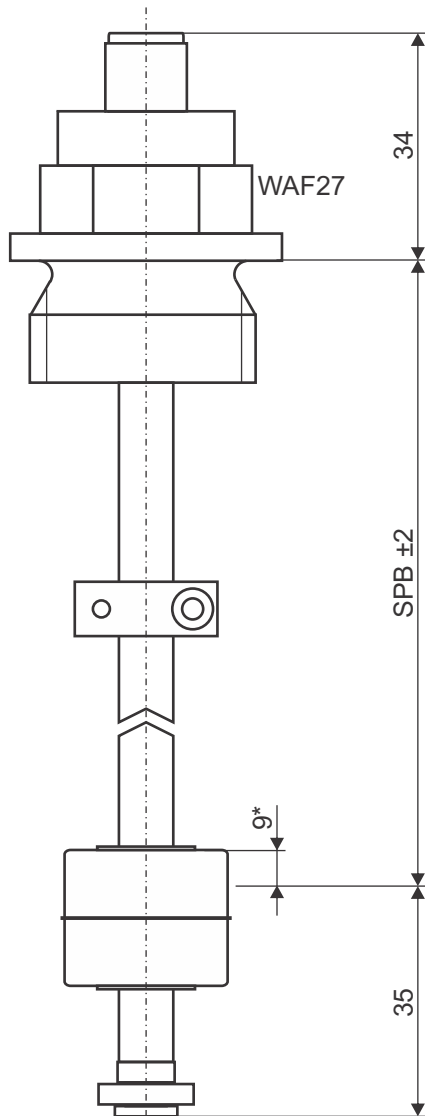


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Type: M60....

Illustrated: M60.4....02.85.7



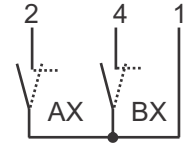
* Height above medium surface for float type S30
at density of 0,997/cm³

Terminal diagram

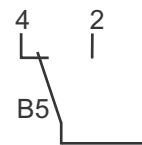
M12 4Pol (02)



1x NO/NC contact



2x NO/NC contact



1x change over contact

Technical data

Connection:	plug connection M12x1, material stainless steel, insert 4-pole, material TPU
Mounting:	thread 1", 1/2" or 3/4", DIN 3852 form A, material PP or PVDF
Tube:	Ø8mm, length acc.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.c. contact or 1x change over contact, funktion bistable
Switching capacity:	max. 24VDC/ 150mA
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