

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

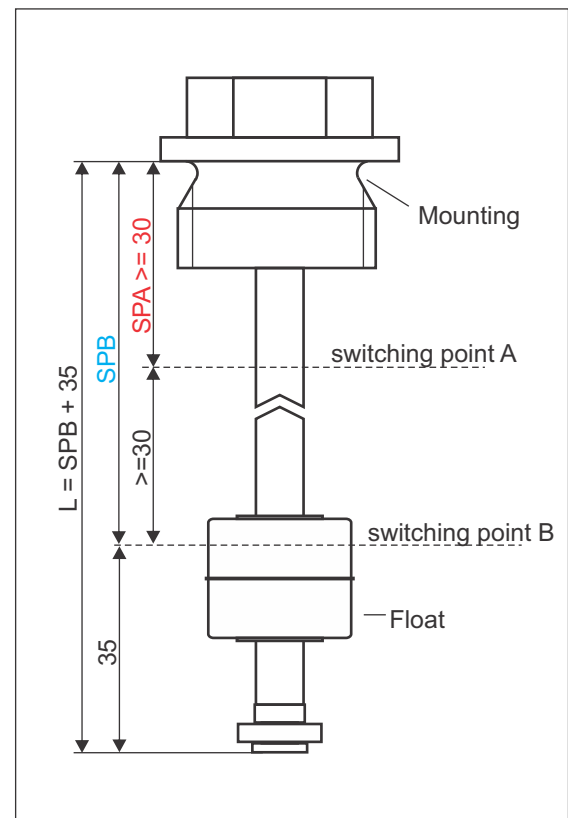
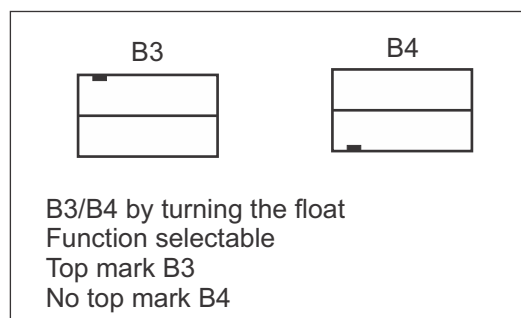
DIN EN 175301-803Plug 3pol + PE --- 01
 M12 4 pol --- 02
 Cable -- 41

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

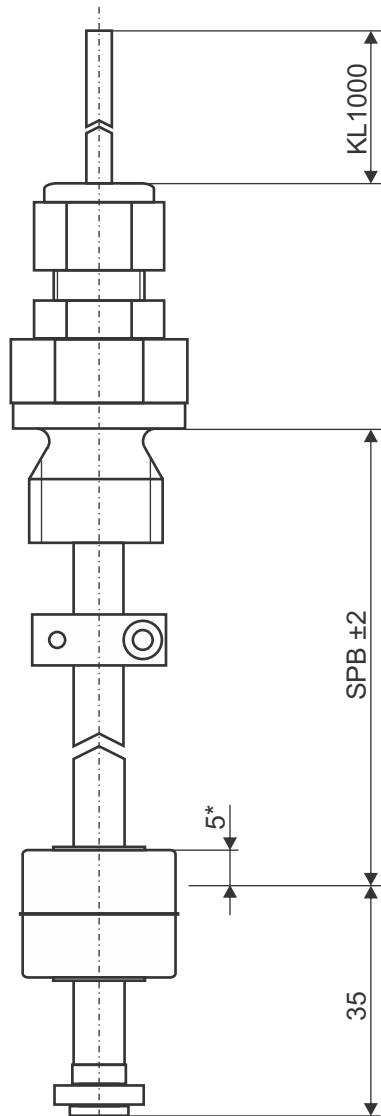


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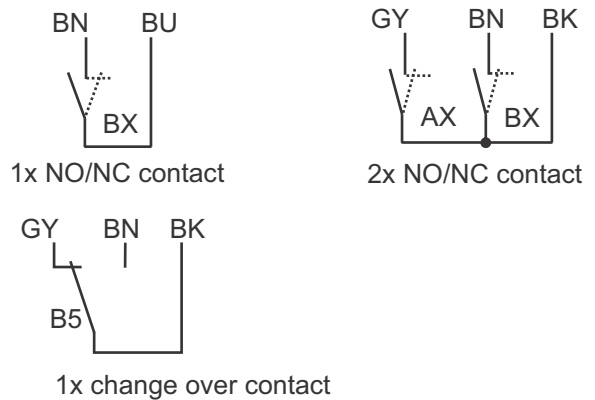
Type: M60....

Illustrated: M60.5....41.89.9.KL1000



* Height above medium surface for float type S66
at density of 0,997g/cm³

Terminal diagram



Technical data

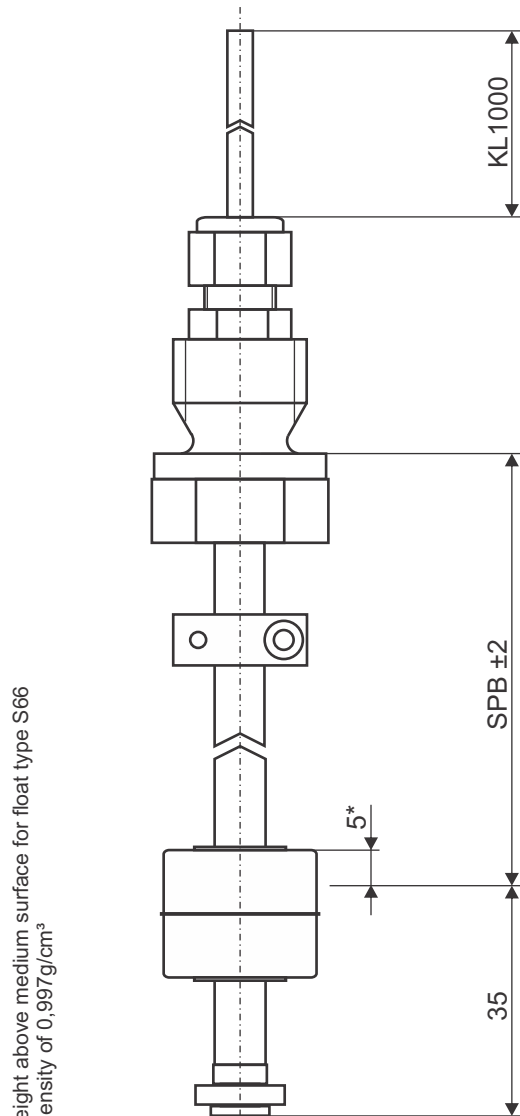
Connection:	connection cable oilflex PVC 2x0,5mm² or 3x0,5mm², length KL acc. to specification, cable gland, material PVDF
Mouting:	1", 1/2" or 3/4", DIN 3852 orm A, aterial PP or PVDFthread f m
Tube:	Ø8mm, length , aterial PP or PVDFacc. to specification m
Float:	x mm, aterial PP, ype SØ25 21 m t 30 Ø25x21mm, material PVDF, type S66
Circlip:	removable, material PP or PVDF
Switching points:	max. 2x reed contacts n.o. contact, n.c. conatct or 1x change over contact, function bistabil
Switching capacity:	max. 24VDC/ 150mA (with 2 switching points) 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

Data sheet

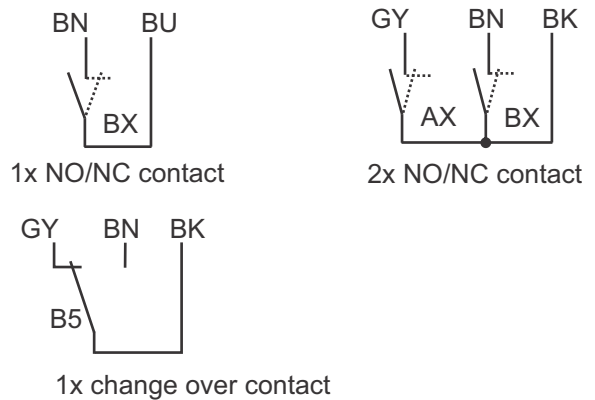
Mini float switch in plastic

Type: M60....

Illustrated:: M60.5....41.92.9.KL1000



Terminal diagram



Technical data

Connection:	connection cable oilflex PVC 2x0,5mm ² or 3x0,5mm ² , length KL acc. to specification, cable gland, material PVDF
Mounting:	thread 1/2", DIN 3852 form A, material PP or PVDF, installation from the inside
Tube:	Ø8mm, length acc. to specification, material PP or PVDF
Float:	Ø25 x21 mm, 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, function bistabil
Switching capacity:	max. 24VDC/ 150mA (with 2 switching points) 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