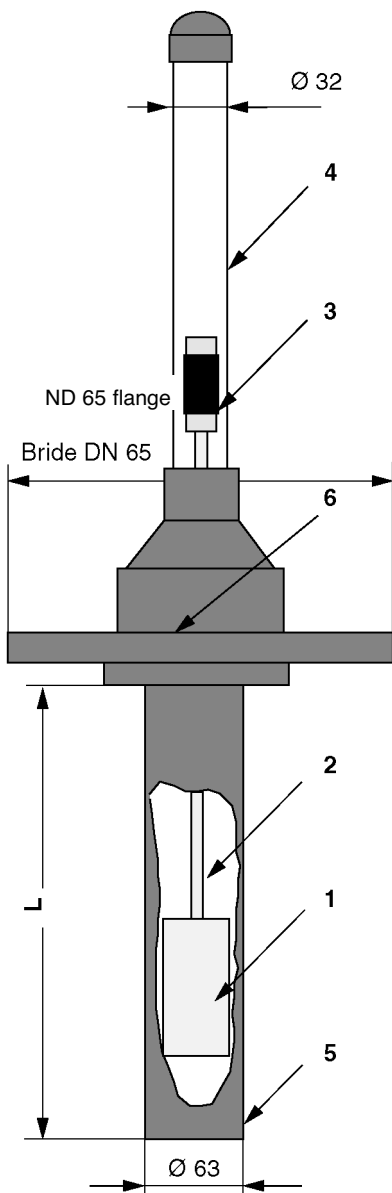


# TANK TOP LEVEL INDICATOR CONTROLLER FS4



- Indication on top of the tank
- Mounting: free flange DN65
- Direct reading
- Construction: PVC or PPh
- Switches for adjustable level alarms
- Ideal for underground tanks
- For any liquids even with particles

## APPLICATIONS

The FS4 level indicator allows a direct reading for level through the transparent PVC tube of liquid inside an underground tank. With the optional level switches BRK or BSM it is possible to control the level by starting and stopping a pump or opening and closing a valve, to send alarm signals high and low levels.

## PRINCIPE

A float (1) at the bottom of a stem (2) moves an indicator (3) inside a transparent PVC tube (4). The reading is direct. The float moves inside a guiding tube (tranquilizing the fluid) of diameter 63 mm made of PVC (5). The assembly on the top of the tank is done with a free flange DN65 (6); tight is obtained with the fixed surface (part of the tube).

FS4 are always studied according to the fluid specific weight and the monitored fluid height. Higher is the specific weight, bigger is the float: with a fixed diameter, the float height is therefore longer. The float is immersed at 80% before beginning to float; this defines the indication dead zone of low levels. The indicator has a built in magnet able to actuate our switches outside the tube (BSM 501 and BRK, please see the documentation 585). For a stainless steel model see the documentation 560: MAGTOP 400; they can be equipped with switches or a continuous level transmitter.

## TECHNICAL FEATURES

Float (1):	PPh
Stem (2):	PPh
Guiding tube (5):	PVC
Indicator (3):	PPh
Maximal height:	3000 mm, depending of fluid specific weight
Maximal pressure:	4 bars at 20°C
Maximal temperature:	60°C for PVC / 80°C for PPh
Mounting:	Free flange PVC or PPh, ND 65

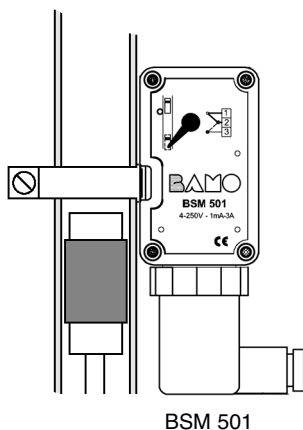
## CODE NUMBERS AND REFERENCES

Code	Ref.	Designation
584 300	FS4	Models according to characteristics above
584 310	FS4 TPVC	Construction all in PVC
584 400	FS4 PPh	Construction all in PPh, excepted the PVC transparent tube (4)

## ORDERING:

The following process parameters must be specified with the order

Liquid:	.....
Pressure:	.....
Temperature:	.....
Tank material and height:	.....
Options have to be clearly specified.	.....



BSM 501

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**TANK TOP LEVEL  
INDICATOR CONTROLLER  
SFA**

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**NIV**

**584-01/1**