

# Bistable level switch BRK 60 - BRT 60



BRK 60 / 32



BRK 60 / MAG



BRT 60/63

- Switching power of 60 VA
- Bistable switch, NC either NO, 3 wires
- IP 55 Housing in ABS
- For tubes of diameter 32, 40 and 63 mm
- High temperature version up to 200°C

## PRINCIPLE

Floats and counterweights from BAMO are supplied with a magnet. They drive a Reed contact built in the ABS housing of BRT & BRK. Electric connections are on screw connectors. The switch is bistable; it stays in its new position once the float passed in front of it. The power switch is of 60 VA and it is recommended the use of a protecting relay (please see the documentation 250-01).

The BRK & BRT fit on the level guiding tube with a collar (plastic or stainless steel) that corresponds to diameters 32 mm or 63 mm. The high temperature BRT is available mostly for MAGTOP applications. Its housing is of aluminium and the unit will works up to 200°C.

## TECHNICAL FEATURES

Switching power: 60 VA / 230 V AC / 1 A  
 Reed contact: Bistable, NC and NO, 3 wires  
 Housing: ABS - aluminium for BRT version  
 Protection: IP 55  
 Temperature limits: BRK: -40°C to 80°C – BRT: -40°C to +200°C  
 Collar: Standard is stainless steel for Ø 32 or 63 (Ø 63 for BRT)

## CORRESPONDING FLOATS AND COUNTERWEIGHTS

Code	Reference	Designation
570 075	GNR 51 PPh	Float for GNR 5 / Glass
570 080	GNR 52 PPh	Float for GNR 5 Ø 32 / PVC
570 082	GNR 53 PVDF	Float for GNR 5 Ø 32 / PVC
570 085	GNR 62	Float for GNR 6 / PVC
583 400	CP/SFA	SFA and SFA/E Counterweight
560...	Any other MAGTOP Floats	

## CODE NUMBERS AND REFERENCES

Code	Reference	Designation
560 102	BRK 60 / MAG	For MAGTOP
560 120	BRT 60 / MAG	For MAGTOP high temperature version
570 050	BRK 60 / 32	For GNR 5 and FS4 stainless steel collar
570 040	BRK 60 / 40	For tube Ø 40 stainless steel collar
583 050	BRK 60 / SFA	For tube Ø 63 stainless steel collar
583 890	BRK 60 / SFA/CR	Only for SFA, CR and CN models
585 103	BRK 60 / P63	Tube Ø 32 to Ø 63 plastic collar

## INSTALLATION

Respect the switching power limited at 60 VA.  
 Wiring diagram is on the housing.  
 Fit the contact (pressure cable gland to the bottom) with the collar.  
 Do not over-screw the collar.  
 Initialize a contact NO or NC with the float (or counterweight) making it driving up and down, to get the switch in the desired position.  
 Contact will be in the same position as indicated on the printed diagram.

# BAMO MESURES

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