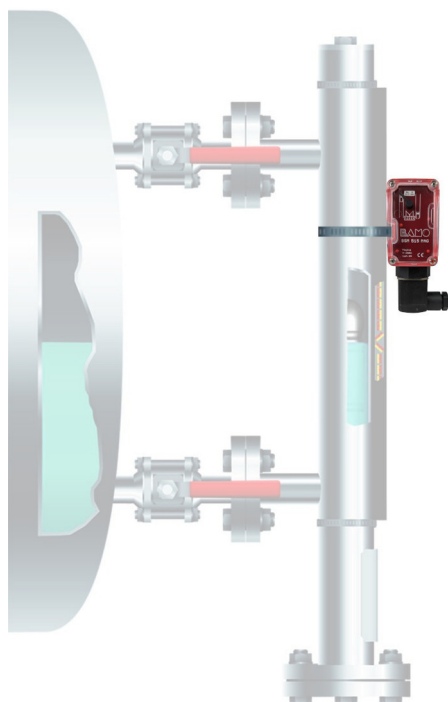


# Electrical contacts for MAGTOP indicators

## MAGTOP CONTACTS



- For MAGTOP indicators
- Bistable changeover contacts
- High breaking capacity
- Adjustable along indicator height
- ATEX version

### APPLICATIONS

- Level contact for MAGTOP type level indicators :  
High/low level alarm, solenoid/motorized valve open/close contact, etc.

### DESCRIPTION

The MAGTOP series indicators are fitted with a magnetic float allowing the use with magnetic free of potential contacts positioned at will on the indicator. The contact remains stable in its last position and switches only when the float passes.

These models are mounted directly on the level indicator tube using the stainless steel collar supplied (except FLS model, mounted on ATEX MAGTOP). Note: during mounting, it is advisable to ensure that the box is accessible to facilitate connections to the terminal block.

### TECHNICAL DATA

#### BSM 515 MAG model

Operating principle: a magnetic microswitch is driven to one of its 2 positions by the float magnet, depending on the direction of passage of the float (upwards or downwards).

*The BSM 515 is only suitable for stainless steel MAGTOP indicators, with a maximum process temperature of 90 °C.*

Rated voltage	4...250 V AC, 4...30 V DC
Rated current	1 mA...3 A (AC or DC)
Contact	Bistable changeover microswitch Minimum height distance between 2 contacts, 40 mm, offset by 120° (top view)
Electrical connection	Plug-in, 3 DIN poles, EN 175301
Cable cross-section	1.5 mm <sup>2</sup> max
Cable outlet	Cable gland pg 13,5
Process temperature	-20...+90 °C
Ambient temperature	-20...+90 °C
Housing material	Translucent polycarbonate
Fixing	Stainless steel collar for Ø 63 mm pipe
Protection rating	IP 65 according to EN 60 529
Dimensions	116 x 42 x 40 mm



BSM 515



#### BRK 60/MAG model

Operating principle: a REED contact is driven to one of its 2 positions by the float magnet, depending on the direction of passage of the float (upwards/downwards)

*The BRK is suitable for both stainless steel and plastic MAGTOP indicators.*

Breaking capacity	60 VA / 230 V AC / 1 A
Process temperature	-40...+80 °C
Housing material	Acrylonitrile Butadiene Styrene (ABS)
Fixing	Stainless steel collar for Ø 63 mm pipe
Protection rating	IP 55 according to EN 60 529
Dimensions	65 x 50 x 35 mm

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Electrical contacts for  
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**MAGTOP CONTACTS**

12-09-2024

D-560.10-EN-AE

NIV

560-10/1

### BRT 60 MAG model

Operating principle: a microswitch contact is driven to one of its 2 positions by the float magnet, depending on the direction of passage of the float (upwards/downwards)

*BRT is suitable for stainless steel MAGTOPs only*

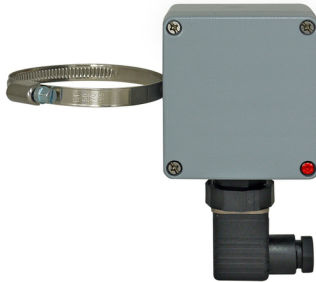


Breaking capacity	80 VA / 12-250 VAC / 1.5 A
Process temperature	-40...+200 °C
Housing material	Aluminium
Fixing	Stainless steel collar for Ø 63 mm pipe
Protection rating	IP 55 according to EN 60 529
Dimensions	80 x 75 x 56 mm

### SNAP 201 model

Operating principle: a microswitch contact is driven to one of its 2 positions by the float magnet, depending on the direction of passage of the float (upwards/downwards)

*The SNAP 201 is only suitable for stainless steel MAGTOP indicators with a maximum liquid temperature of 115 °C.*



Rated voltage	4...250 V AC, 4...30 V DC
Rated current	1 mA...3 A (AC or DC)
Contact	Bistable changeover microswitch
Minimum height distance between 2 contacts	40 mm, offset by 120° (top view)
Electrical connection	Plug-in, 3 DIN poles, EN 175301
Cable cross-section	1.5 mm² max
Cable outlet	Cable gland pg 13,5
Process temperature	-20...+115 °C
Ambient temperature	-20...+90 °C
Housing material	Aluminium
Fixing	Stainless steel collar for Ø 63 mm pipe
Protection rating	IP 65 according to EN 60 529
Dimensions	Boîtier : 80 x 75 x 58 mm

### HLS-25i model

Operating principle: a microswitch contact is driven to one of its 2 positions by the float magnet, depending on the direction of passage of the float (upwards/downwards)

*The HLS 25i is only suitable for use with MAGTOP stainless steel indicators.*



#### ATEX certified

Rated voltage	10-30 V
Breaking capacity	250 mA / 1.3 W
Housing material	316 stainless steel housing
Ambient temperature	-20 ... + 80 °C
Process temperature	-40 / +100 °C
Fixing	<b>rail mounting</b>
Protection rating	IP 66/67
Cable	Length 5 metres, 3 x 0.5mm²
Ex marking	II 1 GD Exia IIC T6 Ga II 1 GD Exia IIIC T85°C IP66/67 Da
Certificate	BASEEFA 14 ATEX 0013 X
Weight	Approx. 480g
Dimensions	7,8 x 2,3 x 1,8 cm

**CE conformity:** The devices comply with the legal requirements of current European Directives.

## ORDERING INFORMATION

Code	Reference	Process temperature	MAGTOP type
560 102	BRK 60 MAG	-40...+80 °C	Stainless steel, PVC, PP and PVDF
560 120	BRT 60 MAG	-40...+200 °C	Stainless steel, PVC, PP and PVDF
585 515	BSM 515 MAG	-20...+90 °C	Stainless steel only
585 522	SNAP 201 / 63	-20...+115 °C	Stainless steel only
585 451	HLS 25i	-40...+ 100 °C	Atex stainless steel only

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