

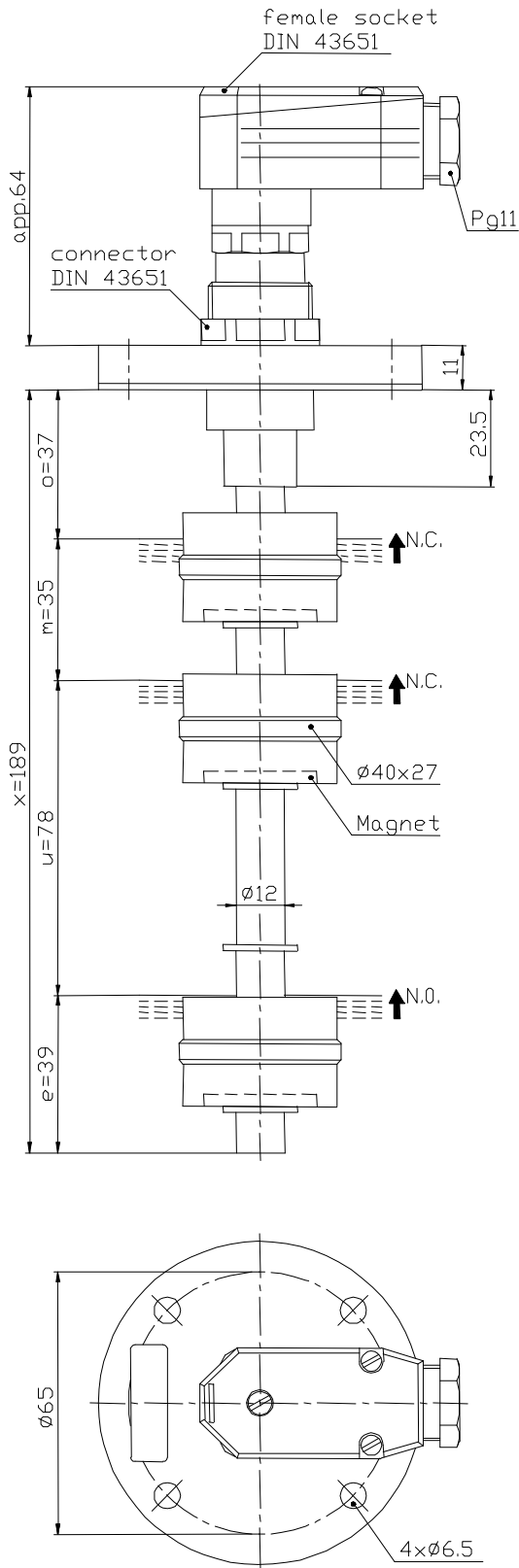
# Technical Data

## Float Switch

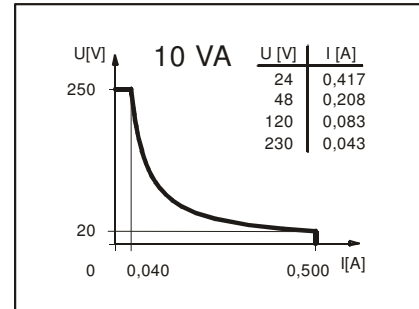
### Standard float switches

Description **MAM-734 BTS 0189**

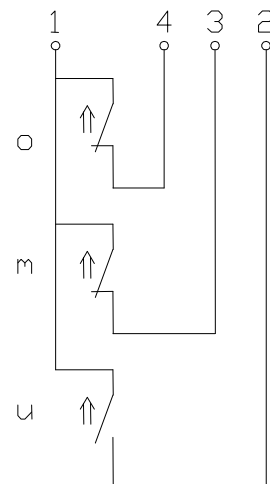
Article number **6831200004**



**Performance diagram**  
(maximum data)



**Wiring diagram**  
(without liquid)



Subject to change without notice.

### Standard float switches

Description **MAM-734 BTS 0189** Article number **6831200004**

#### Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	10 VA
	mechanical life	10 <sup>7</sup> to 10 <sup>9</sup> switches depending on the load
Switching element		2 normally closed contact, rising level 1 normally open contact, rising level
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107
Standard		acc. to DIN VDE 0660 T200

#### Mechanical data

Flange material	POM	
Switching tube material	CuZn37 (2.0321)	
Float material	POM	
	-density	about 0,7 g/cm <sup>3</sup> ±10%
	-depth of immersion	18 mm ±2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
Grip screw material	CuSn8 (2.1030)	
Gasket material	NBR	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	plug in connection acc. to DIN 43651	
Protection type	IP 65 acc to DIN VDE 0470 T1 <u>only with female socket</u>	
Max. pressure	10 bar	

#### General details

Repeatability of switching points is ±0,05mm based on the same geometrical conditions as of a switch device.  
The measures of the switching points refer to a fluid-density of 1 g/cm<sup>3</sup>.  
The tolerance of the switching points is ±2mm  
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!