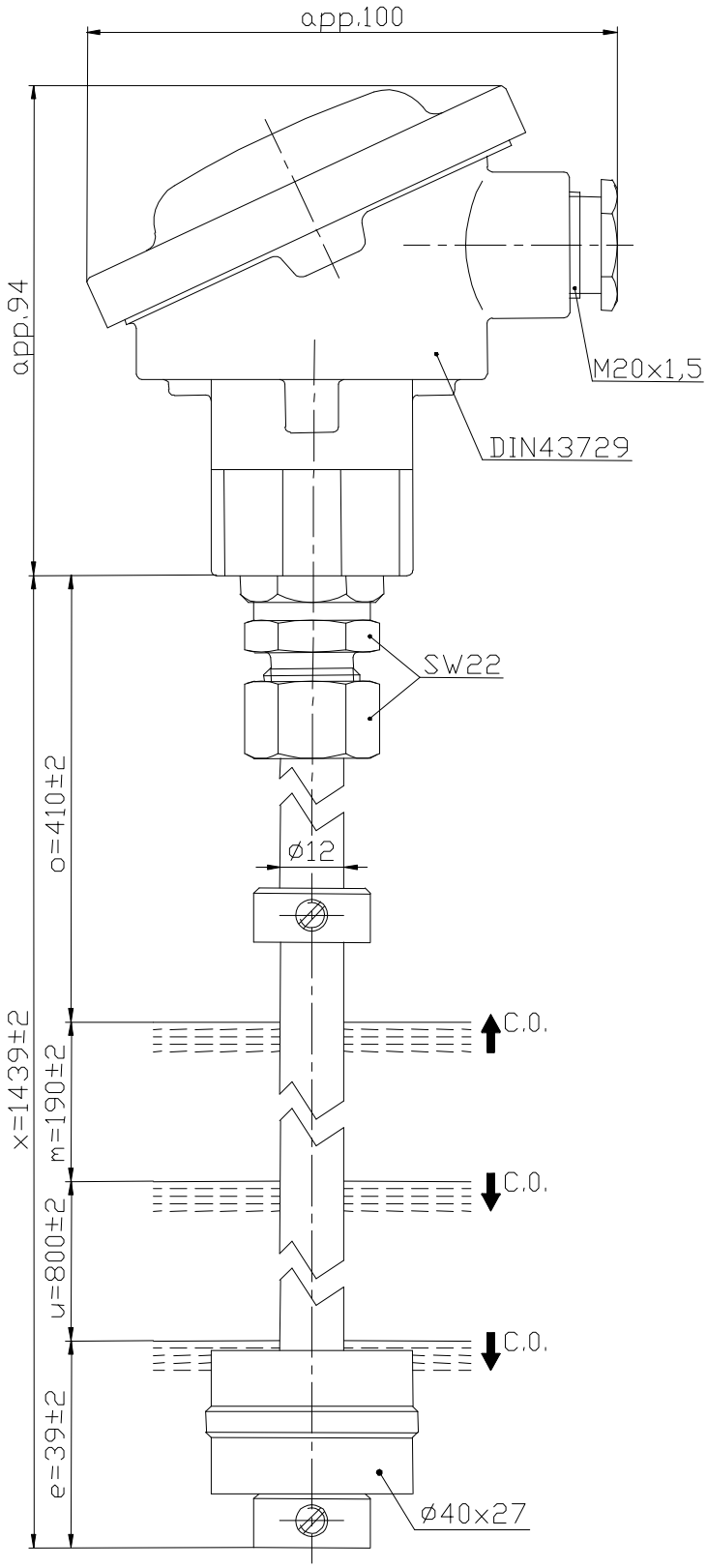
Technical Data
Float Switch

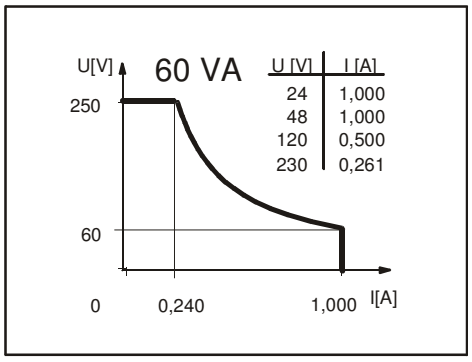
Standard float switches

Description **MAM-733 LFS 1439**

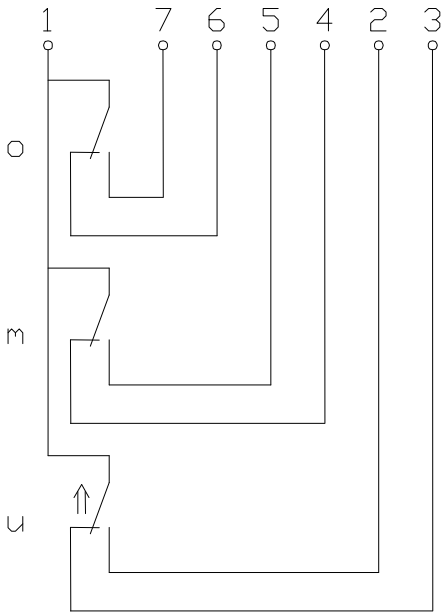
Article number **6836203002**



Performance diagram
(maximum data)



Wiring diagram
(without liquid)



Subject to change without notice.

Bernstein AG, Tieloser Weg 6, D-32457 Porta Westfalica, Germany / www.bernstein-ag.de

Technical Data
Float Switch

BERNSTEIN safe solutions

Standard float switches

Description **MAM-733 LFS 1439** Article number **6836203002**

Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	1,0 A
	max. switching capacity	60 VA
	mechanical life	10^7 to 10^9 switches depending on the load
Switching element		o= change over contact, rising level
		m= change over contact, falling level
		u= change over contact, falling level
Direction category		AC-21A and DC-21A acc. to DIN VDE 0660 T107
Standard		acc. to DIN VDE 0660 T200

Mechanical data

Terminal box material	aluminium
Screw connection material	CuZn35Ni (2.0540)
Switching tube material	CuZn37 (2.0321)
Float material	POM
-density	about 0,7 g/cm³ ±10%
-depth of immersion	18 mm ±2 mm (to a fluid-density of 1 g/cm³)
Adjusting ring material	X6CrNiMoTi17 12 2 (1.4571)
Gasket material	NBR
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	connecting block inside the terminal box
Protection type	IP 65 acc. to DIN VDE 0470 T1
Max. pressure	5 bar

General details

Repeatabaility 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^3.
The tolerance of the switching points is ±2mm
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!

Bernstein AG, Tieloser Weg 6, D-32457 Porta Westfalica, Germany / www.bernstein-ag.de