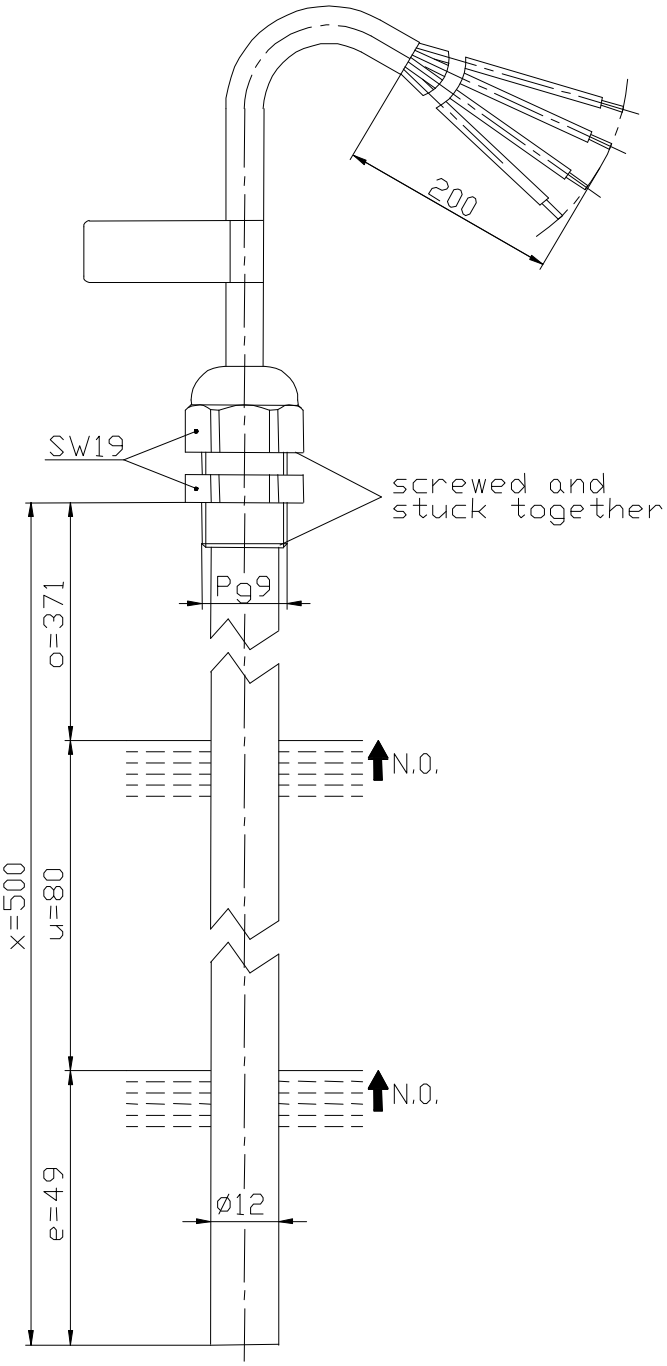
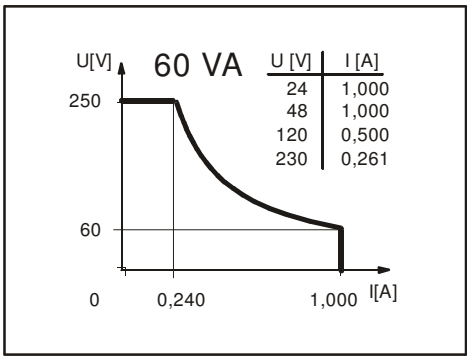
Technical Data
Float Switch

Standard float switches

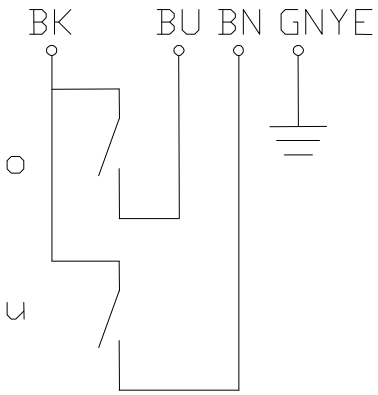
Description **MAA-721 NVS 0500** Article number **6828101004**



Performance diagram
(maximum data)



Wiring diagram
(matching to the drawing)



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 **MAA-721 NVS 0500** Article number **6828101004**

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		2 change over contact, rising level
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Screw connection material	PA
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Average surface finish Ra for switching tube	< 3µm
Ambient air temperature	-5°C to +60°C
Liquid temperature	-5°C to +60°C
Connection	2m cable, PVC, 4x0,5mm²
Protection type	IP 65 acc to DIN VDE 0470 T1

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!

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