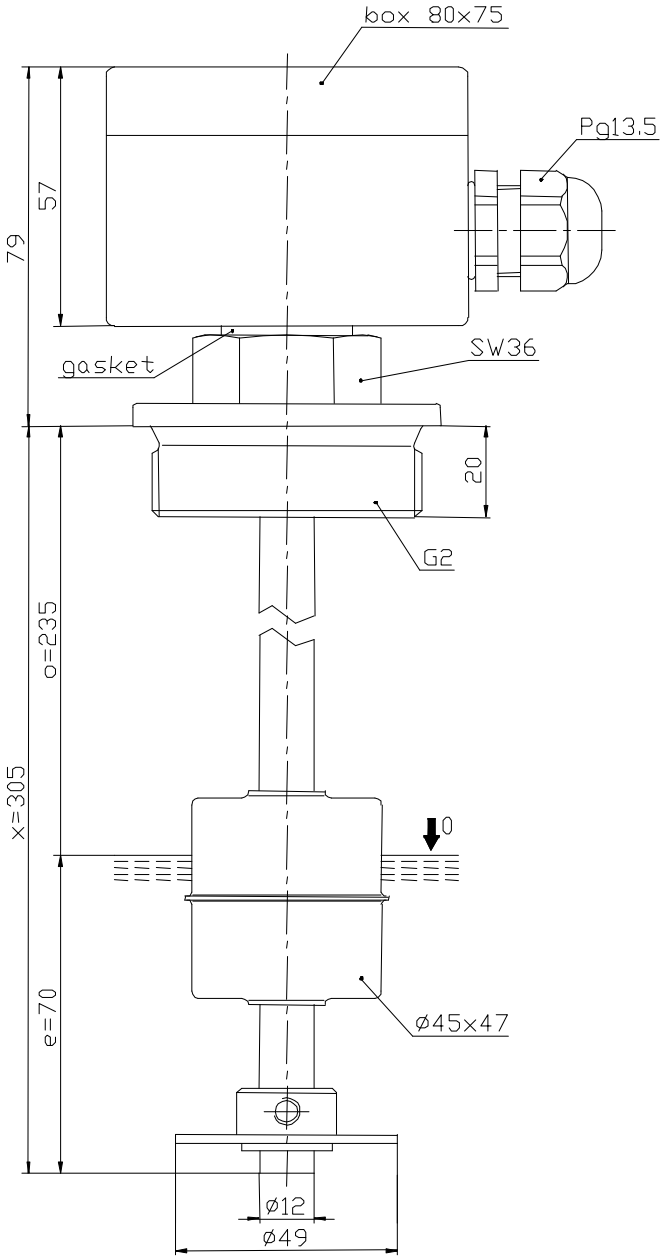
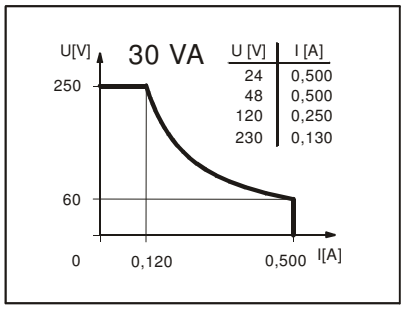
Technical Data
Float Switch

Standard float switches

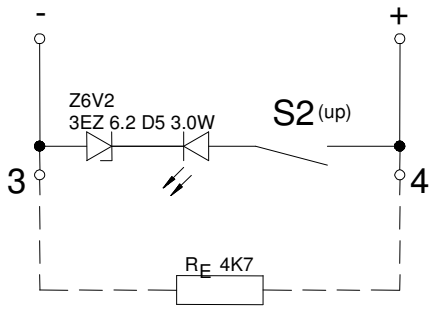
Description **MAN-711 KCAN1 LED 0305** Article number **6815129004**



Performance diagramm
(maximum data)



Wiring diagramm
(matching to the drawing)



Subject to change without notice.

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Float Switch

BERNSTEIN safe solutions

Standard float switches

Description **MAN-711 KCAN1 LED 0305** Article number **6815129004**

Electrical data

Reed contact	max. switching voltage	250 V (without monitoring board)
	max. switching current	0,5 A (without monitoring board)
	max. switching capacity	30 VA (without monitoring board)
		Pleaas consider the limited voltage range when using a monitoring board!
	mechanical life	10^7 to 10^9 switches depending on the load
Switching element		1 normally closed contact, falling level
		minimum / maximum- advert by LED´S - yellow (only with monitoring board)
Direction category		AC-22A and DC-22A acc to DIN VDE 0660 T107
Standard		acc to DIN VDE 0660 T200

Mechanical data

Terminal box material	GD-AlSi12 (3.2581.05)
Screw connection material	1.4571
Hexagon nut material	CuZn39Pb3
Switching tube material	1.4571
Float material	1.4571
-density	about 0,7 g/cm³ ±10%
-depth of immersion	33 mm ±2 mm (to a fluid-density of 1 g/cm³)
Adjusting ring material	1.4571
Grip screw material	X35CrMo17
Gasket material	NBR
Ambiente air temperature	-5°C bis +60°C
Medium temperature	-5°C bis +60°C
Connection	- screwed cable gland Pg13,5
	- terminal block 4-pole
Protection type	IP 65 acc to DIN VDE 0470 T1
Max. pressure	15 bar

General details

Reproducibility 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-tight 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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