

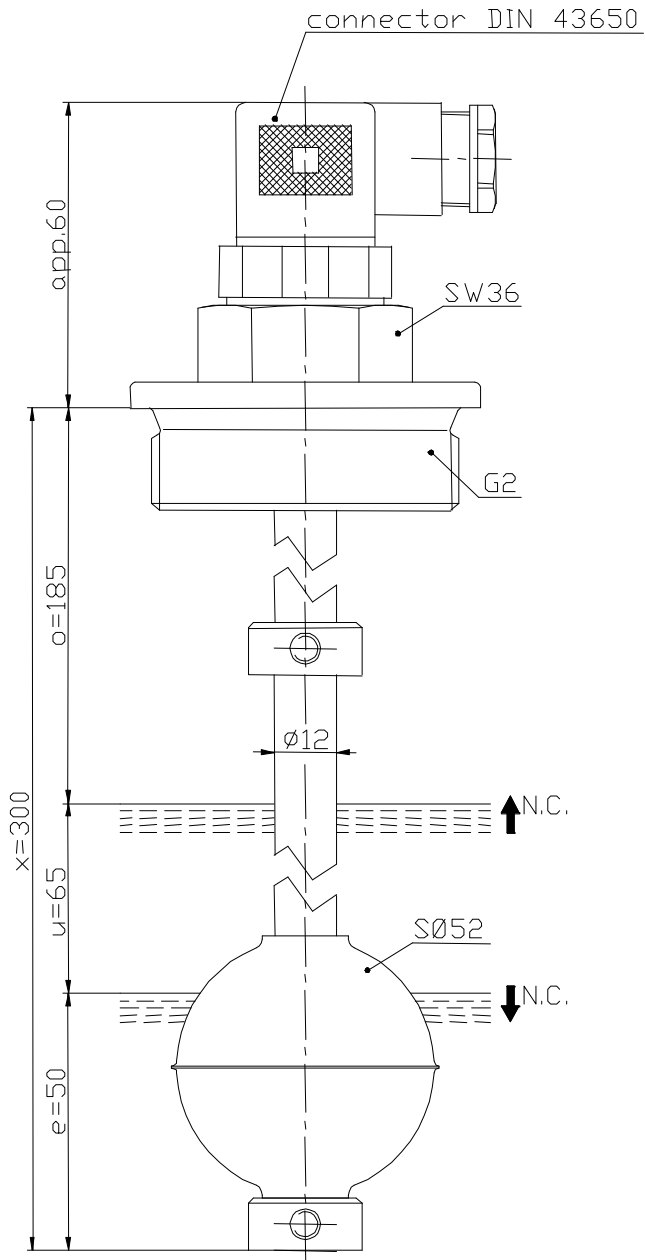
Technical Data

Float Switch

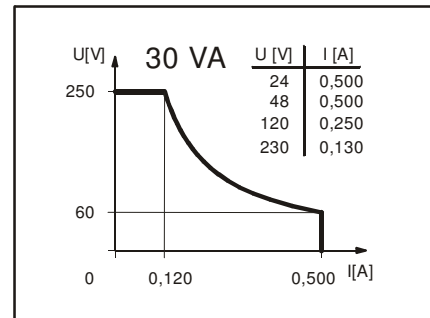
Standard float switches

Description **MAE-721 KYS 0300**

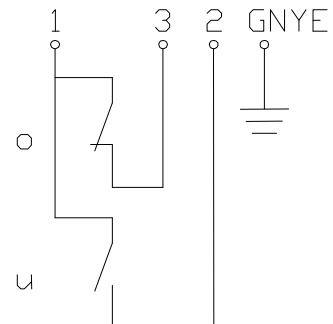
Article number **6825190006**



Performance diagram (maximum data)



Wiring diagram (without liquid)



Subject to change without notice.

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Standard float switches

Description **MAE-721 KYS 0300**

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Electrical data

Reed contact	max. switching voltage	250 V
	max. switching current	0,5 A
	max. switching capacity	30 VA
	mechanical life	10 ⁷ to 10 ⁹ switches depending on the load
Switching element		1 normally closed contact, rising level
		1 normally closed contact, falling 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	X6CrNiMoTi17 12 2 (1.4571)
Switching tube material	X6CrNiMoTi17 12 2 (1.4571)
Float material	X6CrNiMoTi17 12 2 (1.4571)
-density	about 0,65 g/cm ³ ±10%
-depth of immersion	32 mm ±2 mm (to a fluid-density of 1 g/cm ³)
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	plug-in connection acc. to DIN 43650
Protection type	IP 65 acc to DIN VDE 0470 T1
	<u>only with socket</u>
Max. pressure	5 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/cm³.
The tolerance of the switching points is ±2mm
Pay attention to the contact protection, when switching inductive loads. Maximum data must not be exceeded!