

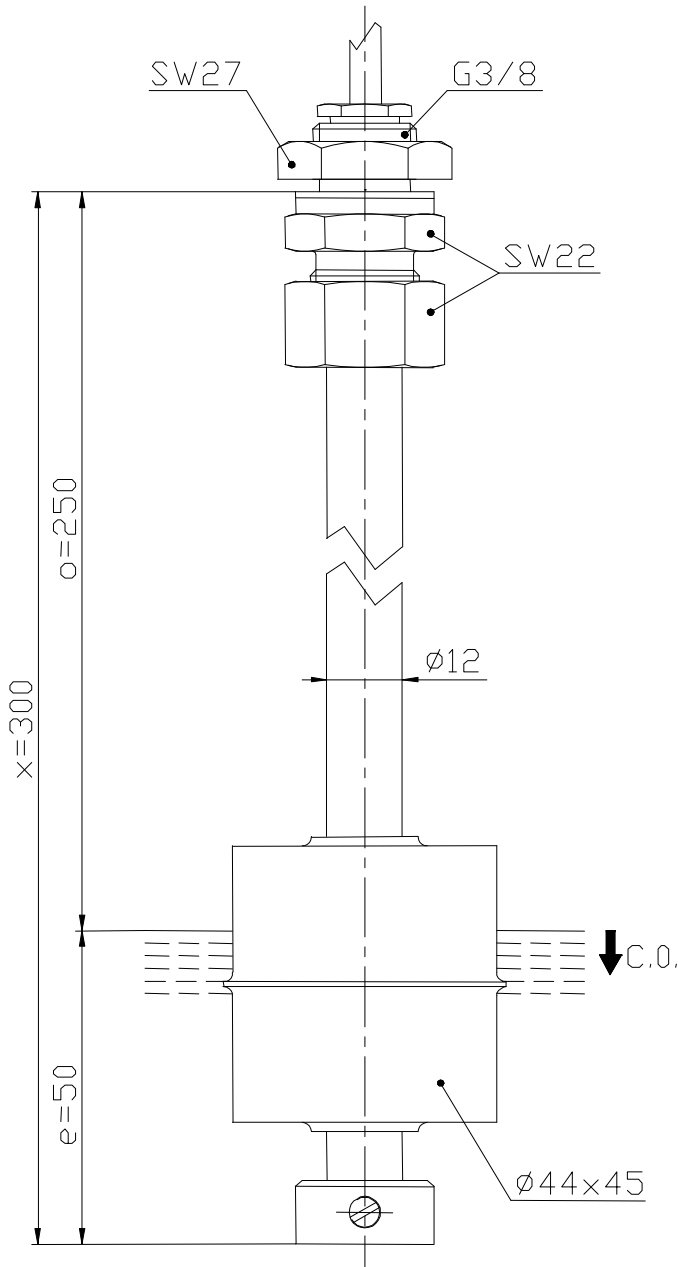
Technical Data

Float Switch

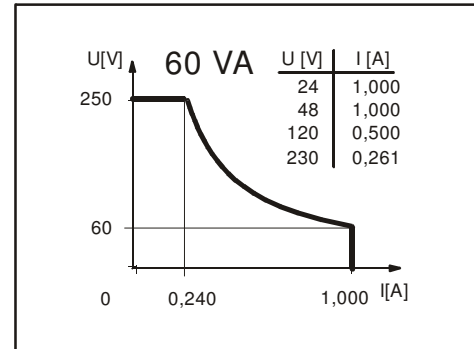
Standard float switches

Description **MAN-713 LAS 0300**

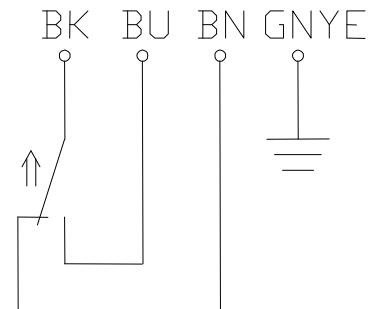
Article number **6816122013**



Performance diagram (maximum data)



Wiring diagram (matching to the drawing)



Subject to change without notice.

Date of issue : 04.05.2006 / Page 1 of 2
Document : 6816122013_en.doc / Last update : 1

Standard float switches

Description **MAN-713 LAS 0300** Article number **6816122013**

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		1 change over 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	1.4305	
Hexagon nut material	1.4305	
Switching tube material	1.4571	
Float material	1.4571	
	-density	about 0,7 g/cm ³ ±10%
	-depth of immersion	33 mm ±2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	1.4571	
Gasket material	NBR	
Ambient air temperature	-5°C to +60°C	
Liquid temperature	-5°C to +60°C	
Connection	2m cable, PVC, 4x0,5mm ²	
Protection type	IP 65 acc to DIN VDE 0470 T1	
Max. pressure	15 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!