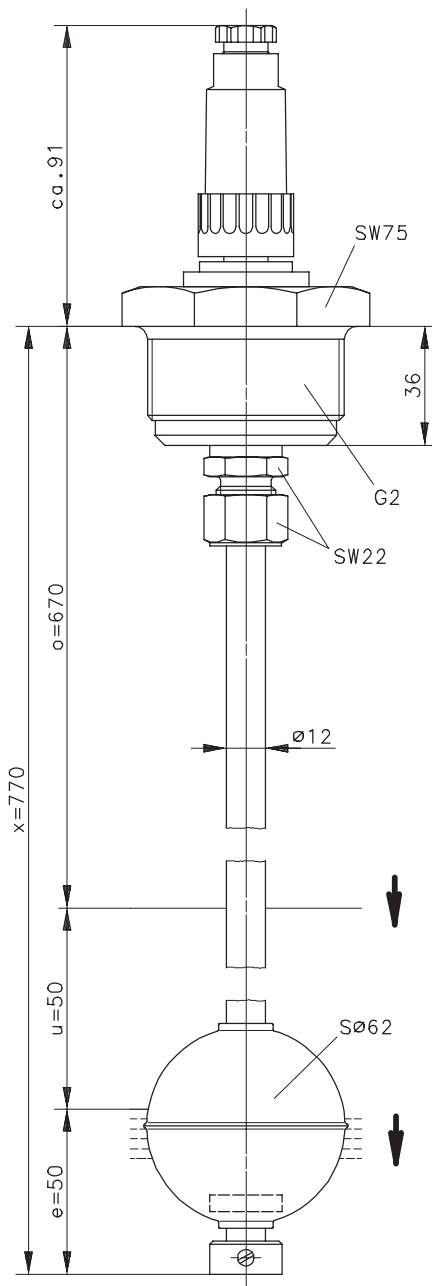
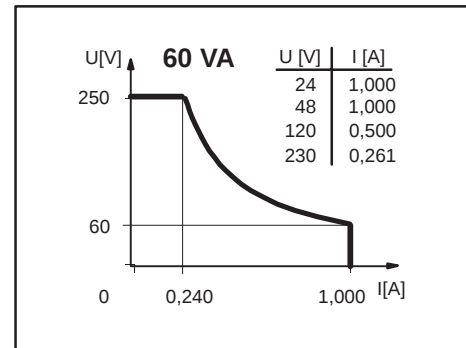




Performance diagram
(maximum data)



Electrical Data (maximum data) :

contact	
– max. voltage	: 250 V
– max. switching current	: 1.0 A
– max. switching capacity	: 60 VA
switching function	
o = change-over contact, falling level	
u = change-over contact, falling level	
direction category	
: AC-21A and DC-21A	
acc. to DIN VDE 0660 T107	
(IEC 947-3-1 / EN 60947-3-1)	
standard	
: acc. to DIN VDE 0660 T200	
(IEC 947-5-1 / EN 60947-5-1)	

Pay attention to the contact protection, when switching inductive loads.
Maximum data must not be exceeded !

Technical Data :

mode of connection	: Amphenol connector; Typ: C16-1
protection type	: IP 65 acc. to DIN VDE 0470 T1 (IEC 529 / EN 60529)
	<u>only with female socket</u>
temperature range	: form -5°C to +60°C
fluid temperature	: form -5°C to +60°C
max. pressure	: 15 bar
mech. lifetime	: 10 ⁷ to 10 ⁹ switches depending on the load

Reproducibility is ±0.05mm under same geometrical conditions according to one switch device.

ATTENTION :

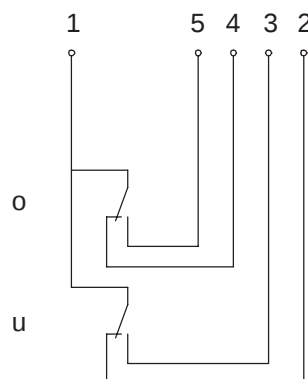
The measures of the switching points are related to a fluid-tight of 1 g/cm³
The tolerance of the switching points are ±2 mm

Mechanical Data :

tank screw connection material	: PVC
switching tube material	: X 6 CrNiMoTi 17 12 2 (1.4571)
float material	: X 6 CrNiMoTi 17 12 2 (1.4571)
guard ring material	: X 6 CrNiMoTi 17 12 2 (1.4571)

Wiring diagram

(matching to the drawing)



created 02.09.2003 Franke
checked 02.09.2003 Funke

This copy will not be amended or withdraw when technical changes are necessary.