

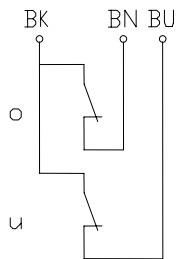
Float switch

Series Standard-Float switch

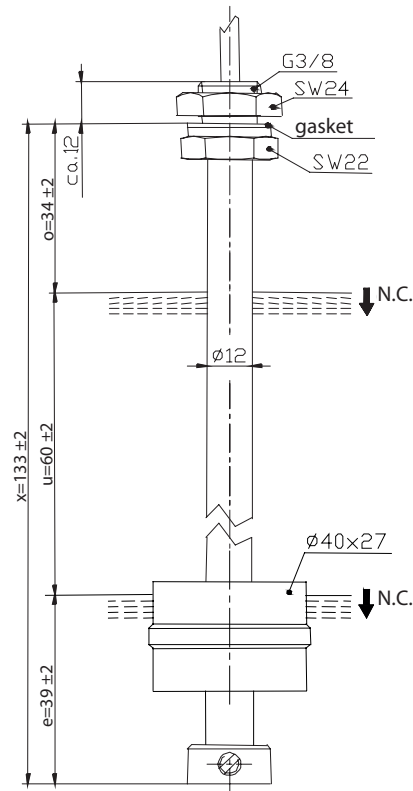
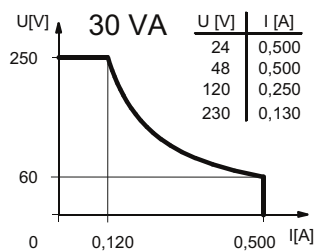
Description **MAK-721 KAS 0133**

Article number **6825302004**

Wiring diagram (non-actuated state)



Performance diagram



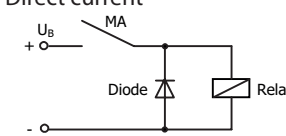
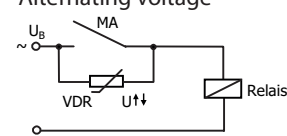
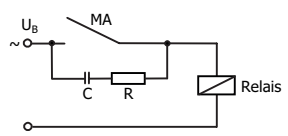
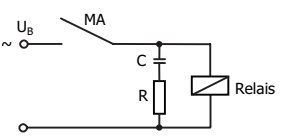
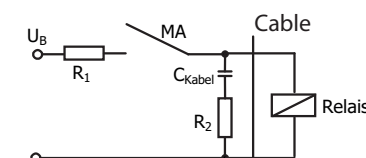
Electrical data

Rated voltage	U_r	250 V
max. switching current		0,5 A
max. switching capacity		30 VA
Rated insulation voltage	U_i	300 V AC
Bemessungsstoßspannungsfestigkeit	U_{imp}	4 kV AC
Overvoltage category		III
Switching element		2 x N.C., falling level
Protection class		II (totally insulated)

Mechanical data	
Bolting material	PVC
Switching tube material	PVC
Float material	POM
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	18 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Gasket material	NBR
Adjusting ring material	PVC
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +60 °C
Connection	Cable 3 x 0,5 mm ² x 1,5 m ± 5 %, PVC
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	10 bar

Standards
DIN EN 60947-5-1

General details
The measures of the switching points refer to a fluid-density of 1 g/cm³. The tolerance of the switching points is ±2 mm Maximum data must not be exceeded! Pay attention to the contact protection, when switching inductive or capacitive loads.

Inductive loads	
Direct current  Suppression of voltage peaks with a free-wheeling diode	Alternating voltage  Suppression of voltage peaks with a VDR
 Suppression of voltage peaks with an RC element	
Capacitive loads and lamp loads	
 Contact protection with resistors for limiting current	