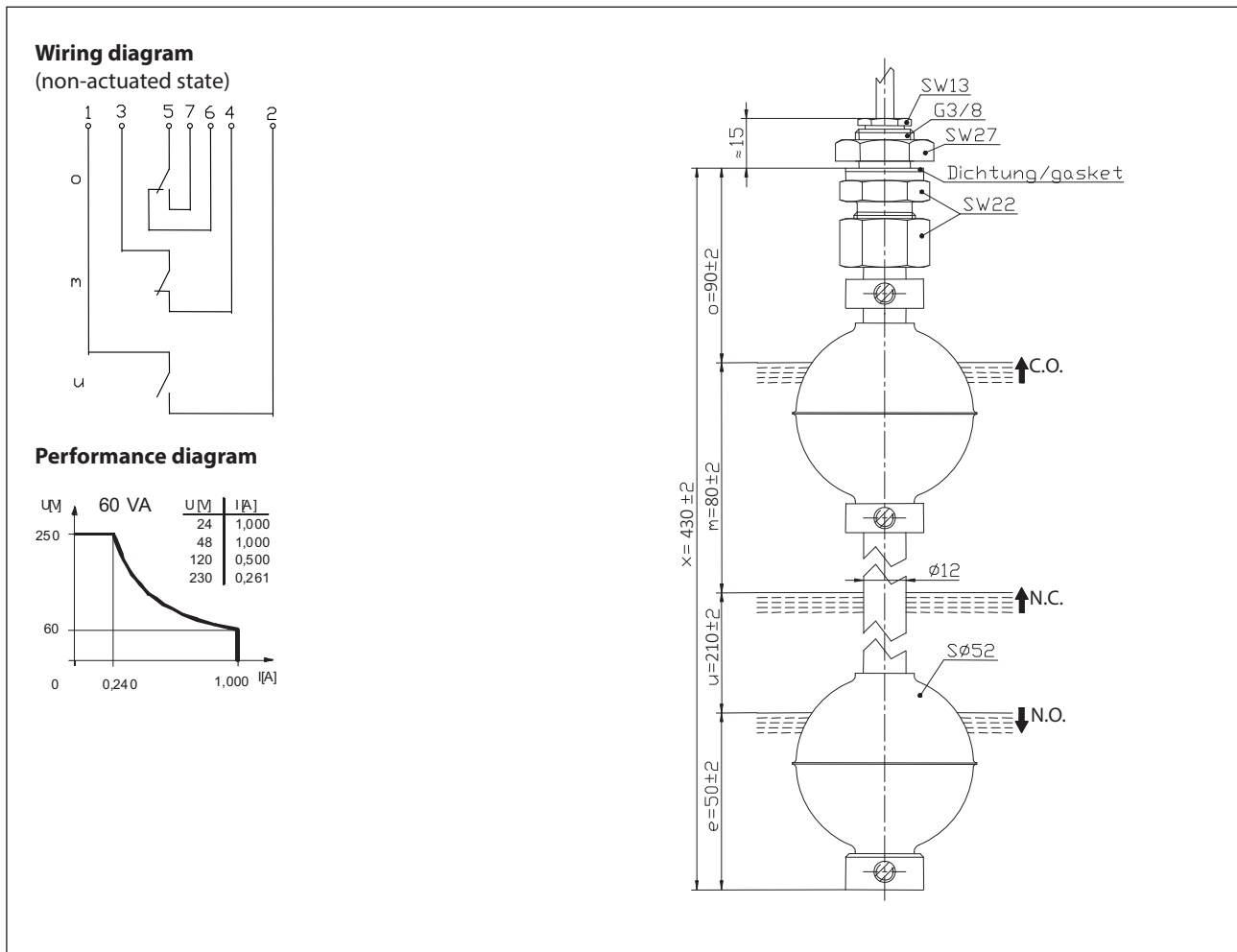


# Float switch

## Series Standard-Float switch

Description **MAE-734 LAS 0430**

Article number **6836182007**



Electrical data	
max. switching voltage	250 V
max. switching current	1 A
max. switching capacity	60 VA
min. switching capacity	3 VA
Rated insulation voltage	$U_i$ 300 V AC
Rated impulse withstand voltage	$U_{imp}$ 4 kV AC
Overvoltage category	II
mechanical life	$10^7$ to $10^9$ switches
Switching element	1 x C.O., rising level 1 x N.C., rising level 1 x N.O., falling level
Protection class	II (totally insulated)

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Hexagonal nut material	X10CrNiS18-9 (1.4305)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,7 g/cm <sup>3</sup> ±10 %
- depth of immersion	32 mm ± 2 mm ( to a fluid-density of 1 g/cm <sup>3</sup> )
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	Cable 7 x 0,5 mm <sup>2</sup> x 2 m ± 5 %; PVC
Protection type	IP 65 acc to IEC529 / EN 60529
Max. pressure	15 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU

General details
The measures of the switching points refer to a fluid-density of 1 g/cm <sup>3</sup> . The tolerance of the switching points is ±2 mm Pay attention to the contact protection, when switching inductive or capacitive loads. Maximum data must not be exceeded!

Inductive loads		
<p><b>Direct current</b></p> <p>Suppression of voltage peaks with a free-wheeling diode</p>	<p><b>Alternating voltage</b></p> <p>Suppression of voltage peaks with a VDR</p>	<p>Suppression of voltage peaks with an RC element</p>

Capacitive loads and lamp loads		
<p>Contact protection with resistors for limiting current</p>		