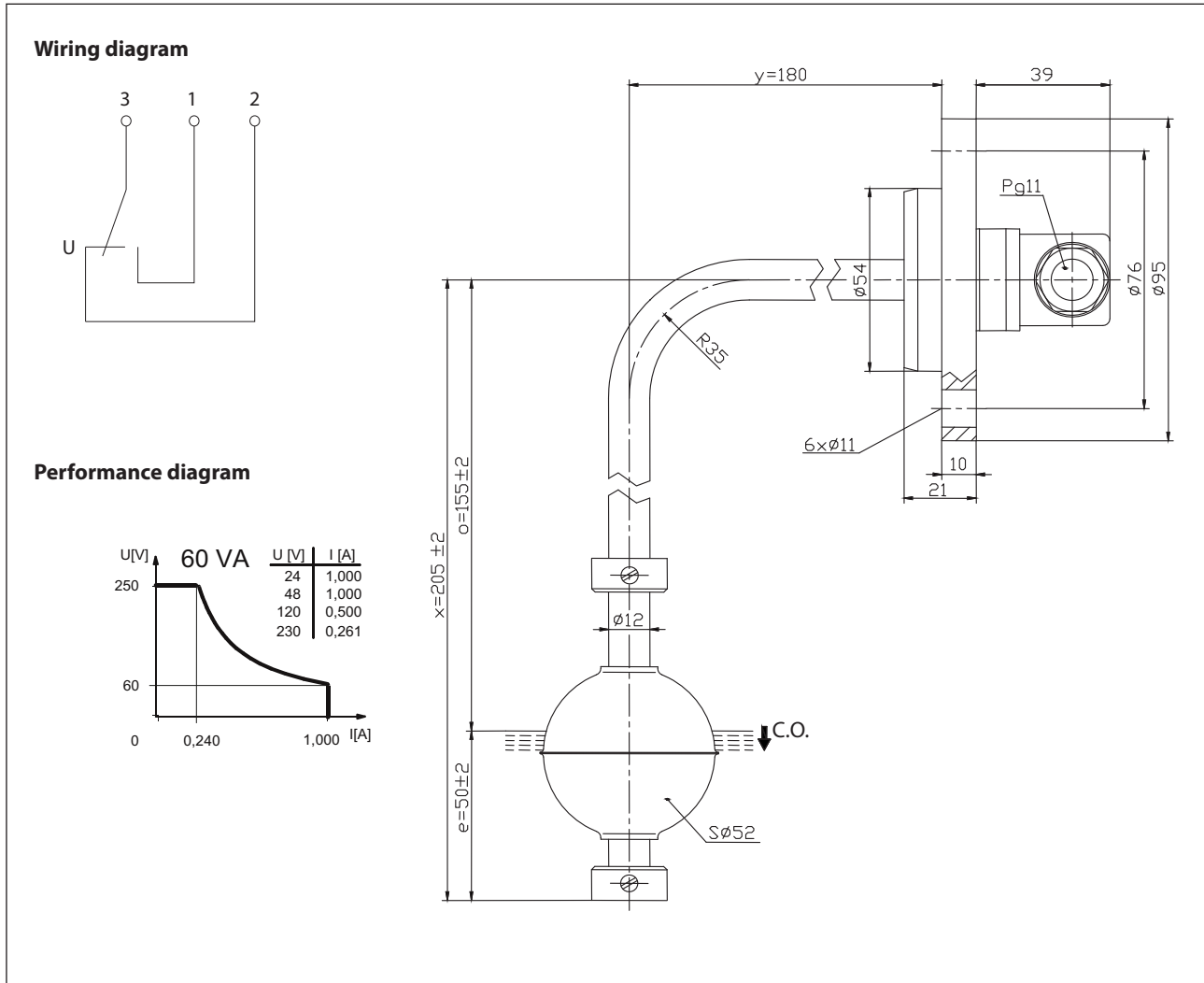


## Float switch Series Standard-Float switch

Description **MAE-713 LWFL95/0205**

Article number **6816190007**



### Electrical data

Rated voltage	$U_r$	250 V
max. switching current		1,0 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
Switching element		1 x change-over contact , falling level
Protection class		I

Mechanical data	
Flange material	X5CrNiMo17-12-2 (1.4401)
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,65 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 +110 °C
Liquid temperature	-5 °C to +120 °C
Connection	Connector acc. to DIN EN 175 301-803
Protection type	IP 65 acc to IEC529 / EN 60529 (only in fully locked position with it's plugs)
Max. pressure	25 bar

Standards
DIN EN 60947-5-1

**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**

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