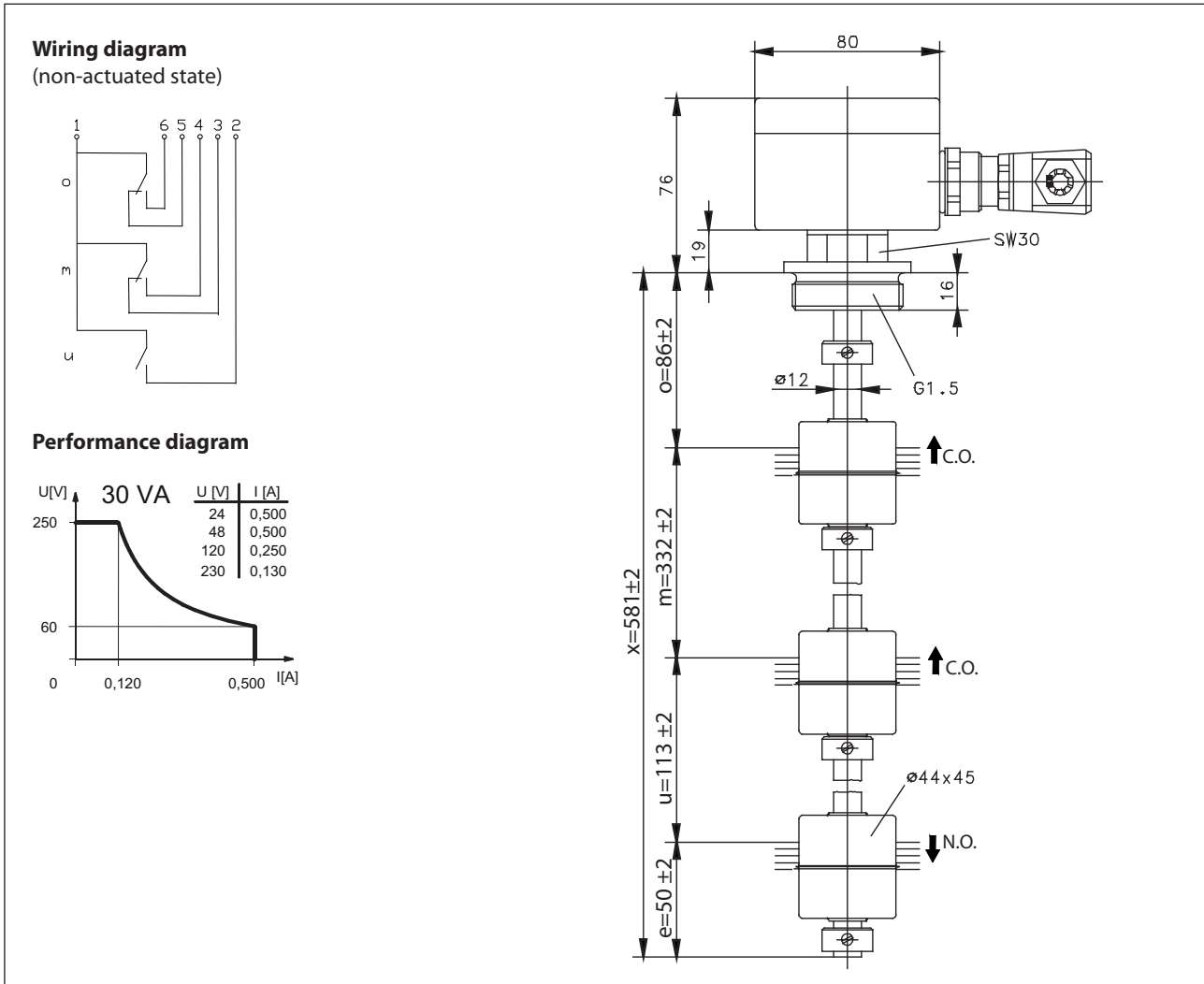


Float switch

Series Standard-Float switch

Description **MAN-734 KCAN1,5ST 0581**

Article number **6835128020**



Electrical data	
max. switching voltage	250 V
max. switching current	0,5 A
max. switching capacity	30 VA
Rated insulation voltage	U_i 300 V AC
Rated impulse withstand voltage	U_{imp} 2,5 kV AC
Overvoltage category	II
Switching element	2 x C.O., rising level 1 x N.O., falling level
Protection class	I

Mechanical data	
Bolting material	X6CrNiMoTi17-12-2 (1.4571)
Terminal box material	Aluminium coated RAL 7001
Switching tube material	X6CrNiMoTi17-12-2 (1.4571)
Float material	X6CrNiMoTi17-12-2 (1.4571)
- density	about 0,7 g/cm ³ ±10 %
- depth of immersion	32 mm ± 2 mm (to a fluid-density of 1 g/cm ³)
Adjusting ring material	X6CrNiMoTi17-12-2 (1.4571)
Gasket material	Klingsil C-4400
Ambient air temperature	-5 °C to +60 °C
Liquid temperature	-5 °C to +120 °C
Connection	Connector acc. to DIN 43651 (6 pol. + PE)
Protection type	IP 65 acc to IEC529 / EN 60529 (only with female socket)
Max. pressure	18 bar

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

General details
The measures of the switching points refer to a fluid-density of 1 g/cm ³ . 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
<div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p>Direct current</p> <p>Suppression of voltage peaks with a free-wheeling diode</p> </div> <div style="width: 24%;"> <p>Alternating voltage</p> <p>Suppression of voltage peaks with a VDR</p> </div> <div style="width: 24%;"> <p>Suppression of voltage peaks with an RC element</p> </div> <div style="width: 24%;"> <p>Suppression of voltage peaks with an RC element</p> </div> </div>

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