

# HSC3/8 Series

The ultimate solution for demanding level control. Multi-function level switches in custom lengths, delivering outstanding flexibility.

- Withstands pressure up to 25 bar
- Full INOX, all parts in stainless steel, SUS-316
- Selectable switch point lengths and contact functions\*



HM2511

Sensors with REED technology without power consumption, manufactured with the highest quality in our ISO-certified factory in Roslagen, Sweden.

## General description:

HSC3/8. The float level switches are available with up to three functions in the same unit. It can also be combined with an overtemperature protection. Suitable for most kinds of liquids.

## Construction:

Two meters oil resistance polyurethane cable, other cable length on request. Adjustable G3/8" compression fitting, when the nut is tightened, the coupling is fixed and pressure tight to the probe. Ø57mm float with extra high buoyancy.

## Options:

Art No: M-G3/8-V4A (Nut G3/8", SUS-316). Ordered as a separate part.

\* We manufacture the sensor in desired lengths. Specify switch points length (mm) and contact function when ordering.

**O** : NO, open at low level, closes rising

**S** : NC, closed at low level, opens rising

**V** : NO/NC, change-over

**T** : Overtemperature protection. NC, opens rising at 70°C ±5

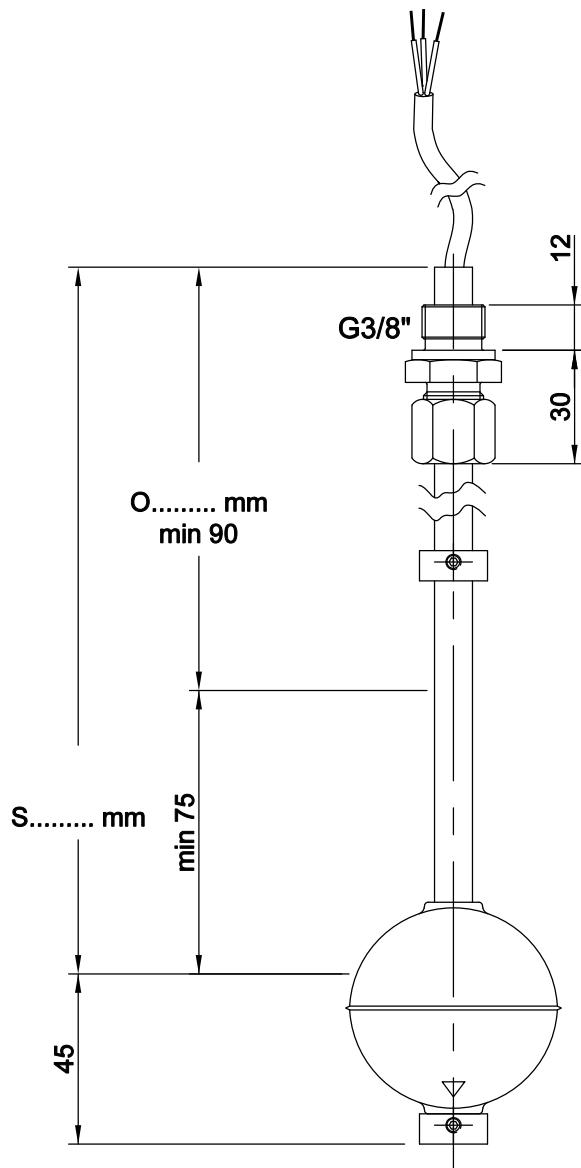
## Options, special on request:

Overtemperature protection with other switching temperature and smaller hysteresis.

Built-in temperature sensor Pt100 or Pt1000.

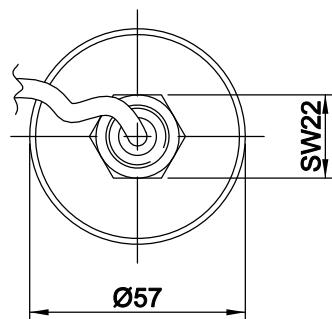


black  
blue (common)  
brown



= Switch closed

= Switch open



**INSTALLATION** - Compression fitting  
Decide and adjust level, once the nut is tightened the compression ring is firm and pressure tight on the stem.

#### FEATURES

Float liquid level switch with REED-technology to activate pumps or valves via relays or PLC. Recommended for most kinds of liquids.

#### MATERIALS

Probe : SUS-316  
Float : SUS-316  
Fitting : SUS-316  
Cable : 2m / PUR 3x 0.34mm<sup>2</sup>

Temp. media : -20...+90°C  
Temp. ambient : -20...+70°C  
max pressure 25 bar

#### CONTACT SYMBOLS

O = means NO low, NC going upwards  
S = means NC low, NO going upwards

#### PROTECTION DEGREE

Cable : IP65  
Probe : IP68

#### ELECTRICAL MAX DATA

Contact rating *	70 VA
Supply voltage	3-48 VAC/DC
Current	1,5 A

\* = resistive load