

HMCHI Series

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

- DIN connector, IP67
- Adjustable compression fitting G1"
- Selectable switch point lengths and contact functions*



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



General description:

HMCHI. The float level switches are available with up to two functions in the same unit. It can also be combined with an overtemperature protection. Suitable for oil and other non aggressive liquids.

Construction:

Adjustable compression fitting, when the nut is tightened, the coupling is fixed to the probe. Angled connector EN175301-803 style A (former DIN 43650-A) that can be mounted in four different directions. Screw terminals for mounting your own cable. Protection class IP67. Probe in brass, floats in NBR.

* 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.



Made in Sweden



Liquid level switch

Approved
P.L.140627Scale
1:2Art.nr.
HMCHI-ODrawing nr.
HMCHI-ORev.
6Date
930505Sign.
MEMRev. date
251125Note! Read this
instruction before
installation and use

Protective earth

1 2

O..... mm
min 45

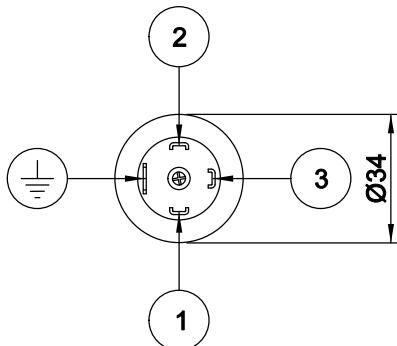
35

13

34

approx 10mm

115

SW34
G1"For cable
Ø6-8mmReference line for
ordered length

FEATURES

Float liquid level sensor with
REED-technology to activate pumps or
valves via relays or PLC. Suitable for oil
and other non aggressive liquids

MATERIALS

Probe : Brass
Float : NBR S.G. 0,3
Fitting G1" : Brass
Connector : EN175301-803 style A
(former DIN 43650-A)
Temp. media : -20...+100°C
Temp. ambient : -20...+70°C
For use 0-5000m above MSL

CONTACT SYMBOLS

O = means NO low, NC going upwards

PROTECTION DEGREE

Connector : IP67
Probe : IP68

INSTALLATION

Adjustable compression fitting, when the
nut is tightened, the coupling is fixed to the
probe.

ELECTRICAL MAX DATA

Contact rating *	70 VA
Voltage	3-230 V AC/DC DC to 60Hz
Current	1 A

* = resistive load

WARNING! If no protective earth is
connected to the sensor, the supply voltage
must not exceed 48V AC/DC