



The NIVA level controller MS 1 H is the ideal for halogene-free installations, e.g. in:

- Hospitals
- Public institutions
- Chemical plants



The NIVA level controller MS 1 H is engineered especially for use in halogene-free installations. The adhesion free connection cable provides protection against water and dirt as well as a high resistance against oils.

The MS1 H is halogene-free and develops in case of a fire only a small corrosive flue gas emission. It is resistant to hydrolysis, flexible in low temperatures, cut and abrasion resistant and therefore ideally suited for use in extreme environments.

**Available Versions:**

Type	Cable	Cable length	Order number
SPDT	PUR/TPE 4G1,0	5m	40 002205
SPDT	PUR/TPE 4G1,0	10m	40 002210
SPDT	PUR/TPE 4G1,0	20m	40 002220
SPDT	PUR/TPE 4G1,0	30m	40 002230

Other cable types and lengths available upon request

**Application:**

Halogene-free installations for Indoor and outdoor applications. For use in Temperatures up to +90°C (194°F).

**Electronic connection**

Connection of level controller	Wire			
	grey	black	brown	⊕
For emptying a tank	insulate	X	X	X
For filling a tank	X	insulate	X	X
High level alarm	insulate	X	X	X
low level alarm	X	insulate	X	X

Technical data subject to change

⊕ Ground wire

**Technical Data:**

Specific weight: 0,95 - 1,05 or according to specification  
 Max. temperature: 90°C  
 Breaking capacity: 1mA / 4V - 5A / 250V  
 Switch point: 10°  
 Protective system: IP 68 / 7 bar  
 Equipment group: II  
 Cable cross section: 4G1,0 mm²  
 Height / diameter: 180 / 100 mm  
 Housing quality: Polypropylen  
 Housing Colour: Luminous yellow  
 Cable quality: PUR/ TPE  
 Cable colour: Luminous yellow

\* Micro-switch with gold-plated contacts especially for low currents in electronic circuits

- Flameresistant (IEC 60332-1-2)