

The NIVA Level Controller MS1 H is the ideal solution for halogen-free installations, e.g. in:

- Hospitals
- Public institutions
- Chemical plants



The NIVA Level Controller MS1 H is engineered especially for use in halogen-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 halogen-free and develops in case of a fire only small corrosive emissions. 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 (approx.)	Order number
SPDT	PUR/TPE 4G1,0 mm <sup>2</sup>	5m (16ft)	40 002205
SPDT	PUR/TPE 4G1,0 mm <sup>2</sup>	10m (30ft)	40 002210
SPDT	PUR/TPE 4G1,0 mm <sup>2</sup>	20m (65ft)	40 002220
SPDT	PUR/TPE 4G1,0 mm <sup>2</sup>	30m (98ft)	40 002230

Other cable types and lengths available upon request

### Application:

Halogen-free installations for indoor and outdoor applications. For use in temperatures up to +90°C (194°F).

### Electronic connection

Connection of level controller	Wire			
	gray	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 mm <sup>2</sup>
Height / diameter:	180 / 100 mm
Housing quality:	Polypropylene
Housing Color:	Luminous yellow
Cable quality:	PUR/ TPE
Cable color:	Luminous yellow

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

- Flame resistant cable (IEC 60332-1-2)