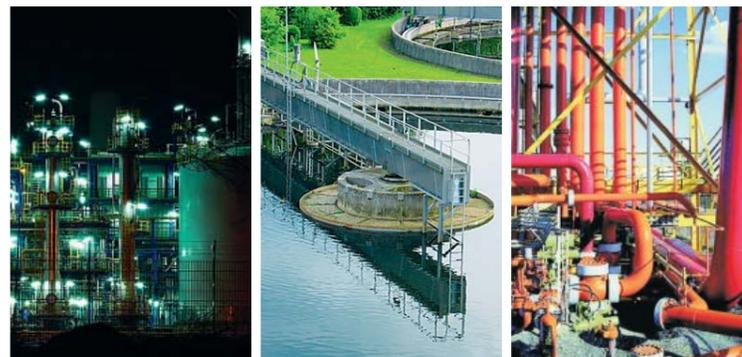




The NIVA level controller MS 1 S for use in high temperature environments e.g. in

- Galvanization
- Cement plants
- Chemical applications



The NIVA MS1 S may be used in high temperature environments where common isolating and sheathing materials would melt or become brittle.

Its resistance to numerous oils, alcohols, animal and vegetable fats as well as other chemical substances make it especially useful in applications for the chemical industry.

**Available versions:**

Type	Cable	Cable length	Order number
SPDT	SiHF 4G0,75	5m	40 001805
SPDT	SiHF 4G0,75	10m	40 001810
SPDT	SiHF 4G0,75	20m	40 001820
SPDT	SiHF 4G0,75	30m	40 001830

Other cable types and lengths available upon request

**Application:**

In areas with high ambient temperatures where common isolating and sheathing materials would melt or become brittle.  
For use up to +100°C (212°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: 100°C  
 Breaking capacity: 1mA / 4V - 5A / 250V  
 Switch point: 10°  
 Protective system: IP 68 / 7 bar  
 Equipment group: II  
 Cable cross section: 4G0,75 mm²  
 Height / diameter: 180 / 100 mm  
 Housing quality: Polypropylen  
 Housing colour: Red  
 Cable quality: SiHF 4G0,75  
 Cable colour: Dark Red

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