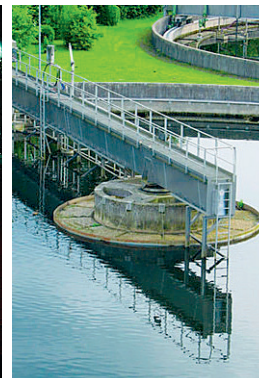


Image for illustration only

The NIVA Level Controller MS1 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 (approx.)	Order number
SPDT	SiHF 4G0,75 mm ²	5m (16ft)	40 001805
SPDT	SiHF 4G0,75 mm ²	10m (30ft)	40 001810
SPDT	SiHF 4G0,75 mm ²	20m (65ft)	40 001820
SPDT	SiHF 4G0,75 mm ²	30m (98ft)	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 continued use in aggressive fluids with temperatures up to +100°C (212°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:	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 mm ²
Height / diameter:	180 / 100 mm
Housing quality:	Polypropylene
Housing color:	Red
Cable quality:	SiHF
Cable color:	Dark Red

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