

Image for illustration only



The NIVA Level Controller MS1 C is the ideal solution to control liquids with limited switching space. For example in:

- Chemical plants
- Electro plating
- Purifying plants



The NIVA Level Controller MS1 C was designed for an extremely high resistance to chemical liquids and for use at high temperatures of up to +100°C (212°F). For use in solvents we recommend Type MS1 CL.

Available versions: MS1 C

Type	Cable	Cable length (approx.)	Order number
SPDT	Teflon/FEP 4G0,5 mm ²	5m (16ft)	40 000705
SPDT	Teflon/FEP 4G0,5 mm ²	10m (30ft)	40 000710
SPDT	Teflon/FEP 4G0,5 mm ²	20m (65ft)	40 000720
SPDT	Teflon/FEP 4G0,5 mm ²	30m (98ft)	40 000730

Other cable types and lengths are available upon request

MS1 CL with resistance to solvents:

Type	Cable	Cable length (approx.)	Order number
SPDT	Teflon/FEP 4G0,5 mm ²	5m (16ft)	40 001205
SPDT	Teflon/FEP 4G0,5 mm ²	10m (30ft)	40 001210
SPDT	Teflon/FEP 4G0,5 mm ²	20m (65ft)	40 001220
SPDT	Teflon/FEP 4G0,5 mm ²	30m (98ft)	40 001230

Other cable types and lengths are available upon request

Application:

For use in chemically loaded liquids at temperatures up to 100 ° C (212 ° F).

Resistant to: Ethyl alcohol, Gasoline/Diesel, fatty acids and others. Due to its special cable quality the MS1 CL is also resistant to solvents.

For a more complete list please see page 35.

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 (212°F)
Breaking capacity:	1mA / 4V - 5A / 250V*
Switch point:	10°
Protective system:	IP 68 / 7 bar
Equipment group:	II
Cable cross section:	4G0.5 mm ²
Height / diameter:	180 / 100 mm
Housing quality:	Polypropylene
Housing Color:	Gray
Cable quality:	Teflon (FEP)
Cable color:	Black

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