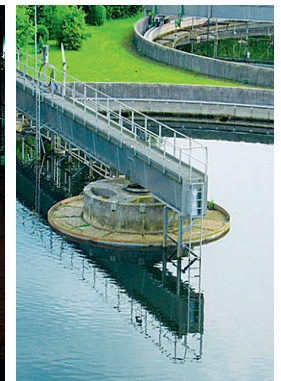




The NIVA level controller MS1 UL for use in North America, e.g. in:

- Treatment plants
- Pump stations
- Lift stations



The NIVA level controller MS1 UL is engineered especially for use in sewage works and pumping stations in liquids heavily charged with solid matter such as raw sewage etc.

Thanks to the good chemical and thermal properties our level controllers are resistant to lees, uric acid, fecal sewage water, oils, petrol, diesel oil, emulsions, alcohol, fruit acids, and even many chemicals. For use at temperatures up to 60 °C (140 °F).

Available versions:

Type	Cable	Cable length*	Order Number
SPDT	SJOW 3/18 AWG	15 ft (ca 5m)	42 000115
SPDT	SJOW 3/18 AWG	30 ft (ca. 9m)	42 000130
SPDT	SJOW 3/18 AWG	65 ft (ca. 20m)	42 000165
SPDT	SJOW 3/18 AWG	98 ft (ca. 30m)	42 000198

*ATTENTION: Cable length in ft for MS1UL

Other cable types and lengths available upon request

Application:

For use in North America

Electronic connection:

Connection of level controller	Wire		
	white	red	black
For emptying a tank	insulate	X	X
For filling a tank	X	X	insulate
Alarm high level	insulate	X	X
Alarm low level	X	X	insulate

Technical data subject to change

Technical data:

Specific weight:	0.95 - 1.05 or according to specification
Max. temperature:	60°C (140°F)
Breaking capacity:	5A / 125V*
Switch point:	10°
Protective system:	IP 68 / 2 bar
Equipment group:	II □
Cable cross section:	3/18 AWG
Height / diameter:	180 / 100 mm
Housing quality:	PP UL94 V0
Housing color:	Black
Cable quality:	SJOW
Cable color:	Black
Certificates:	Intertek cETLus 4004472

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

■ With  -certificate 4004472