



- Insertable level control for the operation of pumps up to max. 18.5 kW
- Easy to retrofit
- Can be combined with level electrodes, level controllers or a float switch
- Version with level relay offers the option of operating the level electrodes or level controllers with low voltage
- The supply voltage and sensor voltage are galvanically separated from each other in the version with level relay
- Manual / automatic mode
- Optionally with operating hours counter

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## Available versions

Voltage Frequency	Plug Pins	Features	CEE		
			16 A (7,5 kW)	32 A (15 kW)	63 A (18,5 kW)
400 V, 6h, 50-60 Hz 400 V, 6h, 50-60 Hz 400 V, 6h, 50-60 Hz 400 V, 6h, 50-60 Hz	3L+N+PE	Phase inverter + Phase sequence indicator + Level relay	70 701611	70 703215	70 706318
	3L+N+PE	Phase inverter + Phase sequence indicator	70 711611*	70 713215*	70 716318*
	3L+N+PE	Phase inverter + Phase sequence indicator + Level relay + operating hours counter	70 741611	70 743215	70 746318
	3L+N+PE	Phase inverter + Phase sequence indicator + operating hours counter	70 751611*	70 753215*	70 756318*

\*can only be combined with float switch KR1

The NOLTA level control has been specially designed for use in connection with pumps. With the plugable level control, an existing system consisting of a motor protection plug and pump or a pump with integrated motor protection can be controlled in a few simple steps using level electrodes, level controllers or a float switch.

The version with level relay offers the possibility of operating the level electrodes or level controller with low voltage as well as galvanic separation of supply voltage and sensor voltage.

## Technical data

Switch cycles	Max. 30 starts/h
Mech. life span	10 <sup>7</sup> switching cycles
Operating voltage	400 V AC
Operating current	16A / 32A /38A
Rated power AC3/400V	Max. 7,5kW / 15kW / 18,5kW
Supply frequency	50 - 60 Hz
Temperature range	-20 - +50°C
Protection class	IP44
Supply	CEE-plug 16A / 32A /63A
Consumer connection	CEE-connector 16A / 32A / 63A
Cable entry	M20 with sealing insert (2 (3) x 5 mm) or (2 x 6 mm)
Connection for	1 x external switching contact (potential-free)
Level relay with connection for	1 x float switch KR2 or 2 x level controller MS1 / M2 or 2 (3) x level elektrode KS1
Housing	Polycarbonate (PC)
Dimensions	325 x 145 x 140 mm (L x W x H)
Weight	approx. 3 kg / 3,5 kg / 4 kg

## Equipment \*

Article	Typ	Articlenumber
Level-controller MS1	MS1	40 0001..
Float switch KR1	KR1	40 0020..
Float switch KR2	KR2	43 0014..
Level-electrode KS1	Level-electrode without labeling	27 0001..
Level-electrode KS1 "min"	Level-electrode with labeling "min"	27 0001...-min
Level-electrode KS1 "max"	Level-electrode with labeling "max"	27 0001...-max

\* further usable level controllers and possible cable lengths on request or at [www.nolta.de](http://www.nolta.de)

