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<https://condor.nt-rt.ru> || [crv@nt-rt.ru](mailto:crv@nt-rt.ru)

## PUMP CONTROL CPS-L

...for price sensitive applications



**NEW!**



Pump control CPS-L\*

For many **price sensitive applications with limited available space**, cost-effective but powerful pump controls are needed.

Condor's new pump control CPS-L handily fulfills these requirements. The CPS-L pump control is designed for the automatic control of one pump (max. 4 KW / 9A).

With its compact design, but with no essential concessions in terms of functions, this pump control can be ideally used for pumping systems in the field of domestic waste and sewage water as well as rain water.

### Advantages

- compact housing (w200xh220xd140mm, incl. accessories). The CPS-L can be nearly used too broad
- extensive basic equipment includes membrane keypad for operation / programming, LED displays for pump condition, illuminated display and extensive functionality / adjustability (see detailed description)
- suitable for the control of pumps and sensors in explosive areas (ATEX) in accordance with DIN EN 60079-14, DIN VDE 0660 and EN 60947 (relay for manual motor starters is optional)\*\*
- Option available for serial PC-interface and software "WaterTel"

### STANDARD VERSION

#### Operation and Display

- Display 2x16 illuminated symbols
- Menu with membrane keypad
- Manual-OFF-Automatic – mode selection
- LED display for pump status
- LED display for pump readiness
- Both buzzer and LED alarm indication
- Open cover interlock
- Detailed menu with all relevant setting options
- Maintenance display
- ATEX-mode
- Phase sequence monitoring
- Display of operating hours and switching cycles

#### Available connections

- Thermal contact (zero voltage safe)
- 1 X 230V / 1A output for possibly small compressor
- Potential-free alarm relay
- NC aux-contact

#### Level monitoring

- 1 or 2 float switches
- Impact pressure method (optional: plug-on modul)
- 4-20 mA analog input e.g. for level sensor
- Separate high water float switch

## PUMP CONTROL CPS-L

- Technical details -

### Adjustable control parameter:

- Alarm level
- ATEX-Mode
- Date / time
- Phase sequence monitoring
- Turn on delay
- On / off switch levels
- Failure display
- Short start against pump sticking
- Max. operating time
- Follow-up time
- Switching function of the potential-free alarm relay
- installed languages: DE, EN, FR, NL, IT  
(other languages on request)
- Maintenance display
- Cyclical emptying

### Options:

- 2 x 9 V battery (power failure alarm)
- 230V (2,3 kW/9A) operating voltage is available
- MCB optional
- Overload relay (BI-metal) can be added
- Cylinder lock for the cover
- Pressure sensor (measuring range 0-2 meters w.c.) can be added

### Technical details:

- |                             |                                             |                                    |                                                                                              |
|-----------------------------|---------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------|
| ▪ Housing:                  | ABS                                         | ▪ Operating voltage / supply line: | 3x 400V 50 Hz<br>(L1, L2, L3,N,PE)                                                           |
| ▪ Dimensions:               | w200 x h220 x d140 mm,<br>incl. accessories | ▪ Temperature range:               | 0 ... +50°C                                                                                  |
| ▪ Cable glands:             | 2x M25 x 1,5<br>3x M16 x1,5<br>1x M12 x1,5  | ▪ Potential-free alarm contact:    | 5A (2A inductive)                                                                            |
| ▪ Protection class:         | IP54                                        | ▪ Rated current:                   | 1,0 bis 1,6A<br>1,6 bis 2,5A<br>2,5 bis 4,0A<br>4,0 bis 6,0A<br>5,5 bis 8,0A<br>7,0 bis 9,0A |
| ▪ Max. protection on site:: | 16A                                         |                                    |                                                                                              |
| ▪ Max. power of the pump:   | 4KW                                         |                                    |                                                                                              |
| ▪ Number of pumps:          | 1 pump                                      |                                    |                                                                                              |
| ▪ Control voltage:          | 230V AC                                     |                                    |                                                                                              |

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