

PUMP CONTROL CPS-L

...for price sensitive applications



NEW!



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.**

Pump control CPS-L*

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

* Photo shows optional accessories. Please refer to the back!

** The rules of the DIN EN 60079 to be observed! The pump control is only provided for the „safe area“.

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 stucking
- 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 (L1, L2, L3,N,PE) |
| ▪ Dimensions: | w200 x h220 x d140 mm, incl. accessories | ▪ Temperature range: | 0 ... +50°C |
| ▪ Cable glands: | 2x M25 x 1,5
3x M16 x1,5
1x M12 x1,5 | ▪ Potential-free alarm contact: | 5A (2A inductive) |
| ▪ Protection class: | IP54 | ▪ Rated current: | 1,0 bis 1,6A
1,6 bis 2,5A
2,5 bis 4,0A
4,0 bis 6,0A
5,5 bis 8,0A
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 | | |

Contact:

Please contact us,

if you have any questions about this product or any other of our products.

We are her to assist.



Condor Pressure Control GmbH
Warendorfer Str. 47-51
D-59320 Ennigerloh/Germany

Phone +49 (0)25 87-89-0

Fax +49 (0)25 87-89-599

info@condor-cpc.com

www.condor-cpc.com