



Condor Pressure Control Controls & Solutions

... vom Erfinder des Druckschalters!



Water technology



Products and Systems
for use in water technology





You have big plans?
We show you the possibilities for solutions.



We must become aware of how valuable the resource drinking water is for our life.

Large residential, commercial and industrial complexes increasingly demand for environmental and economical water cycles. Here the implementation of decentralized water management makes it possible to use large amounts of process water in areas, in which no drinking water is required: e.g. toilet flushing, production, watering and fire extinguishing systems.

Condor Pressure Control has over 30 years of experience in developing and manufacturing electronic control systems for level-dependent on and off switching of pumps in a performance range of 0.5 – 75 KW.

Along with a multitude of standardized control systems, Condor Pressure Control offers in close cooperation with their subsidiary Scharco Elektronik individual suitable control solutions for the most various number of applications.

Our product range is supplemented with comprehensive accessories for control system enhancement, e.g. outdoor pillars or pressure measuring modules as well as a variety of accessory products for various level measuring processes.

Waste water management
Small sewage treatment plants
Pumping stations
Pressure increase
Level measurement

This brochure provide you with a first overview of the product range from Condor Pressure Control in the area of water technology. For further information, please request our main catalogue Water Technology or speak to our specialists.

Water technology and areas of application



Your individual wishes

You will benefit from our long-standing experience in various industries, which is also reflected in our products. Therefore, we are the right partner for your individual wishes.

With our long-term know how of below-mentioned example fields of application, we will gladly find the optimal solution also for you and your special application area.



Water management / pumps / level control

- For the field of water technology, Condor is the problem solver. We point out possible solutions and build customer-specified complete solutions for you and in line with your demands.
- Electronic level control as well as electronic pump controls (in connection with float switches for pumps) guarantee for the highest possible degree of certainty in monitoring fill levels or in filling up and pumping dry.
- With our pump controls, we can offer you standardized devices for the field of waste water management, for example in waste water pump systems, ducts and pumping stations.
- Along with electronic devices, we offer a wide range of electro-mechanical pressure switches with the most various choice of membranes, connector materials and higher IP protection types.
- Controls possess various approvals, for example VDE, VDS, ATEX, GL, KEMA, CSA or UL





Basis pump control CPS-B



You need a compact pump control for up to two pumps? Condor offers you the solution with a trusted basis control system.

- The basis control system fulfils already with its basic features all prerequisites which you need for reliable control of our pumps. (main switch, motor protection switch, manual-0-auto sensor buttons, lighted display)
- Operation of up to two pumps with a rated current up to max. 9A / 400V
- Operation of pumps and sensors in explosive areas (ATEX) is possible as the pump control always comprises of the necessary manual motor starter in accordance with DIN EN 60079-14, DIN VDE 0660 and EN 60947.
- Various level contact switches are connectible, space reserved for two Zener barriers to set up intrinsically safe circuits in explosive areas (ATEX).
- Suitable for pumping stations and drainage systems.
- Small dimensions make mounting into narrow exterior columns possible.



"As manufacture of pumps in the 1930s, Condor began dealing with the topic of water technology early. Together with our subsidiary Scharco Elektronik in Wuppertal, we have already developed and produced electronic control solutions for the pump and compressor industry successfully for over 30 years. Our product palette ranges from single switching units up to customer-specified complete solutions. You too can benefit from the many years of experience of our highly qualified staff!"

Marcus Frede, Managing Director



Modular pump control CPS-M

New: Modular CPS-M PLUS



With our Modular and Modular PLUS pump control systems, Condor offers you the possibility, like in a building block set, to assemble a control system for up to four pumps according to your wishes and specifications.

- High quality basic equipment in standard design
- Customer-specified and appropriate design
- Performance spectrum up to 75kW per pump
- Operation of pumps and sensors in explosive areas (ATEX) is possible as the pump control always comprises of the necessary manual motor starter in accordance with DIN EN 60079-14, DIN VDE 0660 and EN 60947
- Different pump start-up phases:
 - Direct starting
 - Star / delta starting
 - Soft starting
 - Frequency transformer drive or control
- variable casing and outdoor cabinet concepts



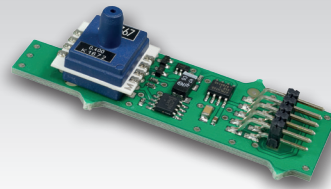


Optional options CPS-B / CPS-M / CPS-M PLUS



Rechargeable battery

- 12 V / 1.2 AH
- with a cable set for buffering during a power cut



Pressure measuring module

- Measuring range 0.2 mWS
- complete with hose and fittings, adjustable at any time



Outdoor columns

- Distribution columns for outdoor display with pedestal
- Removable door with polished surface
- Cable clamp rails
- Mortise lock and sealable keyhole for single profile cylinder
- Mounting plate made of PVC (5mm) H/W 600x278 mm



Zener barriers

- for the application of e.g. float switches in explosive areas.



System components Communication/Modem

- Text messaging function
- GSM modem
- GSM antenna



Level measuring processes

- Air-bubbling set OGL
- Air-bubbling set OGL - GU
- Level control ENS (also available with ATEX approval)
- Float switches
- Ultrasound

Condor Catalog overview



Ask for our main catalogue as well as speciality catalogues for water technology, GL and ATEX products!



Michael Hellwig
System Technician

"When it comes to the segment pumps and compressors, from single switching devices to individual complete solutions we are your system partner. Individually aligned components, which are built into controls, are produced for a large part within the Condor Group. This guarantees in a special way reliability, security and on-time delivery. Everything from one hand, controls – regulation – surveillance, is our motto. With a special focus on complete problem solutions in the area of water and compressor technology!"



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