

You're striving towards new solutions
We're presenting the best connections of 2017/18
Let's connect.



Communication-capable components

The basis for fully networked production facilities

Direct communication between different machines as well as between machines and IT systems is essential for exploiting the potential of Industry 4.0. The basis for this is communication-capable components that can record product and status data as well as machine-internal measured values and energy parameters. Feeding this data into the cloud allows it to be analysed and the resulting conclusions shared with all relevant network participants. This enables system operators to set up new services to optimise and diagnose their production processes or for energy management.

To prepare manufacturing companies for the Internet of Things (IoT) and data-based production control, we gear our efforts towards the rapid integration of all devices and simple data transfer to the cloud. With this goal in mind, we recently upgraded our high-end PROtop power supply to meet the requirements of tomorrow. By retrofitting the communication module, you can conveniently create an interface to transfer process data to the higher-level control system and thereby lay the foundation for process optimisation through condition monitoring and remote control.



Ready for the challenges of tomorrow

With the communication-capable power supply PROtop

A high-end power supply must be able to cope with harsh industrial environments and constant performance requirements without difficulty. But cost-effectiveness is becoming increasingly important in system and machine construction too. In the digital age, communication-capable components are opening up new possibilities to make system operation faster, more flexible and more efficient. In other words: to make it future-proof.

What if, for example, you could identify performance fluctuations and failures before they had a negative effect on system operation? The new communication module for our PROtop series opens up a new dimension of functional options. Condition monitoring and remote operation help you ensure that your automation components are permanently supplied with power in all conditions, so that you can plan and minimise maintenance work and make your system more cost-effective.

This benefits operators in a range of industries, from food and packaging plants with stringent requirements for hygiene, protection classes and corrosion resistance to hard-to-reach installations in offshore wind farms.



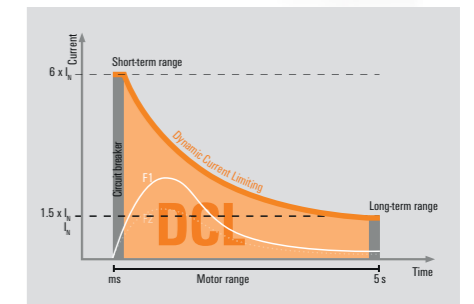
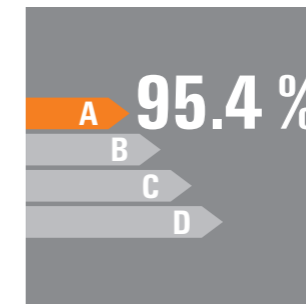
Your special advantages

- Fit for digitalisation
- Complete data transparency
- Efficient, durable and reliable
- Direct parallel connection option
- Powerful DCL technology

 www.weidmueller.com/protop

Technical data

Type	Rated output voltage	Rated (nominal) output current @ U _{nom}	Width	Degree of efficiency	Order No.	EAN	Qty.
PRO TOP1 120W 12V 10A	12 V DC ± 1 %	10 A @ 60 °C	35 mm	typ. 90 %	2466910000	4050118481495	1
PRO TOP1 120W 24V 5A	24 V DC ± 1 %	5 A @ 60 °C	35 mm	typ. 91 %	2466870000	4050118481457	1
PRO TOP1 240W 24V 10A	24 V DC ± 1 %	10 A @ 60 °C	39 mm	typ. 92,5 %	2466880000	4050118481464	1
PRO TOP1 480W 24V 20A	24 V DC ± 1 %	20 A @ 60 °C	68 mm	typ. 93,5 %	2466890000	4050118481471	1
PRO TOP1 480W 48V 10A	48 V DC ± 1 %	10 A @ 60 °C	68 mm	typ. 93,5 %	2467030000	4050118481938	1
PRO TOP1 72W 24V 3A	24 V DC ± 1 %	3 A @ 60 °C	35 mm	typ. 90 %	2466850000	4050118481440	1
PRO TOP1 960W 24V 40A	24 V DC ± 1 %	40 A @ 60 °C	124 mm	typ. 94,5 %	2466900000	4050118481488	1
PRO TOP1 960W 48V 20A	48 V DC ± 1 %	20 A @ 60 °C	124 mm	typ. 94,5 %	2466920000	4050118481600	1



Analyse and optimise processes
 With their new data interface, our high-performance PROtop power supplies ensure you're fit for digitalisation. In connection with intelligent cloud services, you can control and optimise processes remotely, identify signs of wear or failures at an early stage and take the appropriate preventive action. Designed as an optional plug-in module, the communication-capable interface can also be conveniently retrofitted at a later stage.

Maximise potential savings
 Make your production processes more efficient: the extremely space-saving design of the PROtop power supplies allows you to accommodate a greater functional density in the panel. Efficiency of up to 95.4 % reduces heat loss and lowers energy costs in the long term. A high MTBF (> 1,000,000 hours) and long service life (> 20 years) increase profitability over the entire operating period.

Employ peak current reserves effectively
 Thanks to PROtop's new DCL technology, unparalleled pulse power reserves are available at all times. The result is an outstanding dynamic range that can be used for the reliable triggering of circuit breakers or for powerful motor starts, depending on requirements. Additional static power reserves enable a continuous current of 130 %, even at ambient temperatures of 40 °C.

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

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