



## Power Supplies

# PROtop & IoT

## Power Supply and Communication: An Enabler from Data to Value

### Powerful. Efficient. Sustainable.

With our innovative PROtop solution you'll remain competitive, thanks to its long-term reduction of energy costs, increased system availability and high MTBF values. Thanks to the powerful DCL and ORing technology for redundant power supply systems, our PROtop power supply systems are becoming high-flyers in their field. The additional communication capacity provided enables you to control your devices, monitor their status and integrate them into the world of IIoT. With PROtop switched-mode power supplies, you can look forward to maximum system availability with moderately low maintenance costs.

The communication module power supply products can be used universally in conjunction with our Industrial Ethernet, lightning and surge protection, relays and semiconductor switches, and can be combined to form many complete solutions.

### The Benefits of Our PROtop & IoT Solutions

#### *IoT-ready*

- Simple to retrofit
- One communication module for all devices
- Complete data transparency from the sensor to the cloud

#### *PROtop – Switch-mode Power Supply Units*

- Optimum efficiency levels (up to 95.3%) for long-term energy savings
- High dynamic range thanks to unique DCL technology
- Communication modules for condition monitoring
- Direct parallel connection by means of integrated ORing MOSFETs
- Also suitable for explosive atmospheres
- Wide range of approvals (cULus, Bureau Veritas, DNV, Lloyd's Register, ABS, TÜV, RINA, ATEX and IECEx)



# PROtop – For greater communication in your production environment

## Capitalize on your data using PROtop with Communication Module



### Access Valuable Information

- Load of machine
- Environment conditions
- Overvoltages from electrical net
- Predictive maintenance
- Remote commands

### Typical applications

Power Supply PROtop with communication in different industry machines



#### Industrial machinery

- IO-LINK
- CAN-OPEN



#### Agricultural machinery

- CAN-SAE J1939



#### Generators

- CAN-SAE J1939
- CAN-OPEN



#### Mining equipment

- CAN-SAE J1939

**Want to learn more about our power supply solutions and Industrial IoT?  
Contact your local Weidmüller salesperson today!**

**Weidmuller, Ltd**  
10 Spy Court  
Markham, Ontario L3R 5H6  
Telephone: (800) 268-4080  
Facsimile: (877) 300-5635  
Email: info1@weidmuller.ca  
Website: www.weidmuller.ca

**Weidmuller, SA de C.V.**  
Bldv. Hermanos Serdán 698,  
Col. San Rafael Oriente  
Puebla, Puebla, Mexico  
C.P. 72029  
Telephone: 01 222 2686267  
Facsimile: 01 222 2686219  
Email: clientes@weidmuller.com.mx  
Website: www.weidmuller.com.mx

**Weidmuller, Inc**  
821 Southlake Blvd.  
Richmond, Virginia 23236  
Telephone: (800) 849-9343  
Facsimile: (804) 379-2593  
Email: info@weidmuller.com  
Website: www.weidmuller.com

For more information, visit our website:  
[www.weidmuller.com/protop](http://www.weidmuller.com/protop)

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