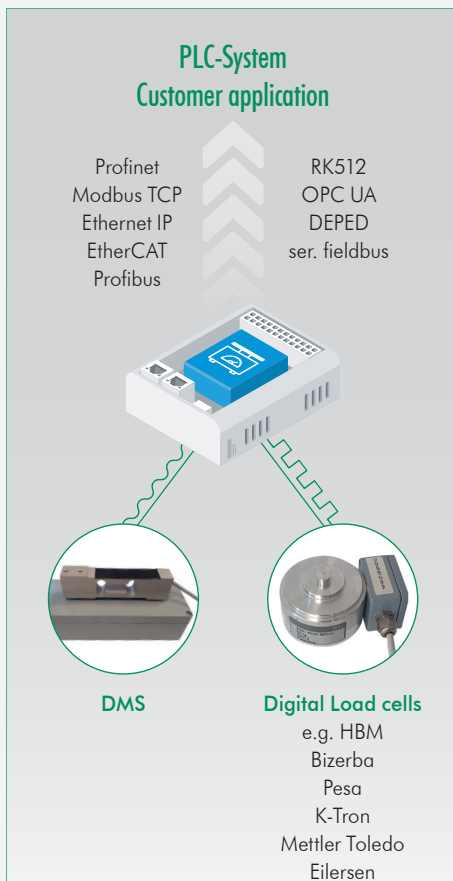
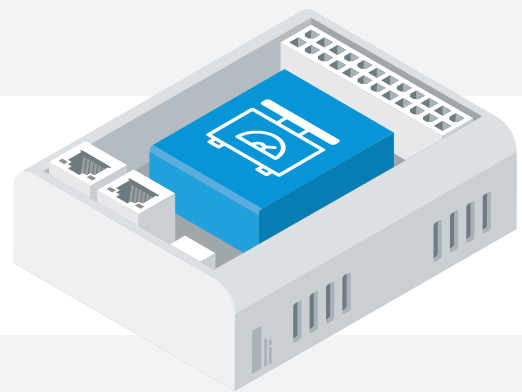


The electronics of the DE-CONscale detects the measurement signal from up to 4 strain gauge load cells or digital load cells, generates highly accurate weight values by means of parameterizable hardware and software filters and is ideally suited for operation with almost any PLC system.

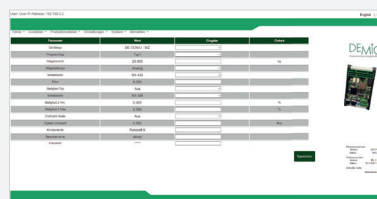
## DE-CONscale

Weighing electronics for DMS / digital loadcells



### Highlights

- Connection of max. 4 strain gauge load cells in 4/6-wire technology
- Connection of digital weighing platform or precision scales via serial interface
- Resolution of the input signal 24 bit (8.000.000 parts)
- Adjustable sensitivity 2mV/V and 4mV/V
- Detection speed 5ms
- Parameterizable hardware and software filters
- Numerous interface protocols OnBoard and via web server selectable and parameterizable
- Interfaces: Ethernet, RS232, RS422, RS485, USB
- As DIN rail device for control box, or as decentralized solution available in stainless steel housing



**Complete configuration via web server possible**

## Communication

- Numerous interface protocols OnBoard and selectable/ parameterizable via web server
- Data contents of interface can be adapted flexibly
- Greatest possible flexibility during project planning, since data contents are available on all interfaces

## Supported protocols

- Profinet
- Modbus TCP
- Ethernet IP
- EtherCAT
- Profibus
- RK512
- OPC UA
- DEPED
- Serial fieldbus



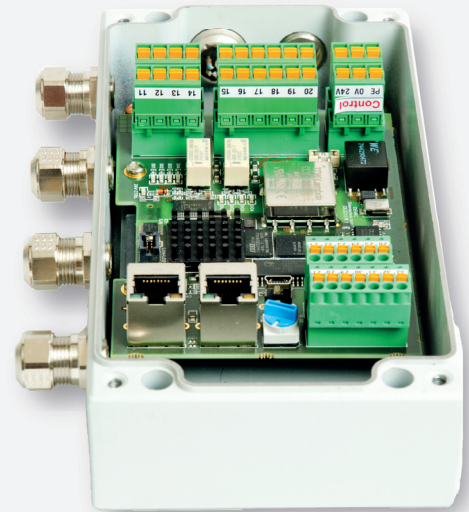
Not yet realized protocols will be integrated free of charge.

## Many protocols already integrated:

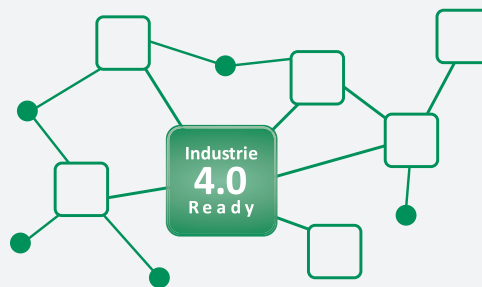
- HBM
- Bizerba
- PESA
- K-Tron
- Mettler Toledo
- Eilersen

## Extended signal processing:

- 4 Digital In- and Outputs onBoard (thereof 1 Frequency input 0-10kHz)
- 1 Analog Output (Voltage / Current)



*Direct on-site at the machine or can be used at the control cabinet.*



Would you like to learn more about our products? We look forward to advising you.



DEMIC Datentechnik GmbH  
Ohlenhohnstraße 48, 53819 Neunkirchen  
Phone: +49 2247 91890  
E-Mail: kontakt@demicon-datentechnik.de