

## eloProtect

the new sensor family extends your safety program

Optimally adapts to your safety-related requirements

### eloProtect <sup>M</sup> Magnetic Safety Sensors

- + high reliability due to magnetically-actuated switching contacts
- + increased sensing distances and offset values for a large variety of installation possibilities
- + a housing that exhibits ruggedness and resistance against mechanical influences and aggressive media
- + concealed installation possible



eloProtect housing type 153...



eloProtect housing type 165...

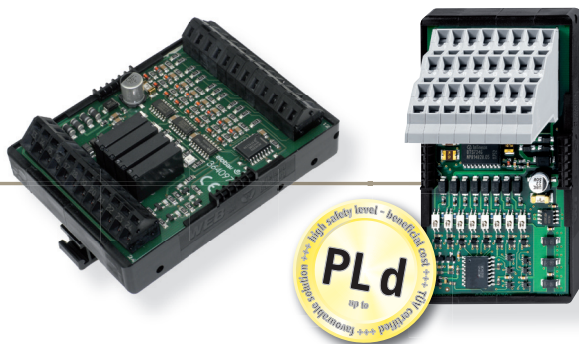
### eloProtect <sup>E</sup> RFID Safety Sensors

- + the utmost protection against manipulation, thanks to paired coding
- + large switching distance and offset
- + series connection up to PL „e“ / SIL 3
- + with control contact
- + EDM input
- + smallest design of RFID safety sensors
- + fully electronic assembly
- + two OSSD safety outputs, each with 400 mA switching current
- + different levels of encoding (corresponding to EN ISO 14119, successor to DIN EN 1088)
- + increased resistance to shock and vibration

## With clever input expansions, up to 40 safety sensors are monitored

*up to PL d*

Interconnection of up to four safety sensors on one sensor input of a safety controller unit



### Advantages

- + up to PL „d“ in accordance with EN ISO 13849-1
- + via cascading, up to 40 safety sensors can be connected to a safety controller
- + very inexpensive solution compared to individual wiring
- + no additional PLC necessary for small machines with tight installation space in the switch cabinet
- + available for N.O. / N.C. as well as N.O. / N.O. sensors

# eloProg The modular safety solution

Monitors. Diagnoses. Communicates.

## Decentralized positioning of I/O modules through bus transfer modules

The eloProg 485EPT1 and 485EPT2 bus transfer modules enable the decentralized positioning of eloProg I/O modules. Thus, up to six eloProg module stations with a maximum bus cable length of 250 m can be implemented.

### The advantages are obvious:

- + decentralized positioning of eloProg I/O modules
- + low wiring effort and expense due to bus connection
- + up to six module stations
- + bus cable lengths of up to 250 m!



## NEW: eloProg fieldbus modules

Expansion units for connecting to the most common industrial fieldbuses for diagnostic communication as well as bi-directional inputs and outputs.

### Now available for the following fieldbuses:

- + Ethernet IP (type no. 485EPFEI)
- + EtherCAT (type no. 485EPFEC)
- + Profinet (type no. 485EPFPN)



## NEW: eloProg USB interface module

The eloProg 485EPFUB USB interface module is an expansion unit for connecting to USB for diagnostic communication as well as bi-directional inputs and outputs.



elobau e®

GmbH & Co. KG  
Zeppelinstr. 44  
88299 Leutkirch  
Germany

t +49 (0) 7561 970-0  
f +49 (0) 7561 970-100  
www.elobau.com  
info@elobau.de