

Beckhoff extends the IP 67 I/O system



The compact IE2808 IP-Link Extension Box from Beckhoff offers 16 digital 24 V DC outputs.

→ The new, ultra compact IE2808 IP-Link Extension Box offers 16 digital 24 V DC outputs at a low price per channel. It is ideally suited for direct connection to valve terminals, for example. Each channel is short-circuit-proof and offers diagnostic capabilities. A 25-pin D-sub connector enables cost-effective connection to the outputs.

High signal density in compact housing

The newest member of the Beckhoff IP 67 Fieldbus Box module family: The IE2808 offers 16 digital outputs for connecting digital actuators on a very small mounting surface of 30 x 126 mm. The Extension Box offers 0.5 A at 24 V DC for each channel, with a total current of 4 A for all connected outputs.

The IE2808 can be connected at the control level via Coupler Box modules with a variety of fieldbus interfaces, including PROFIBUS, DeviceNet, CANopen or Ethernet. In addition to the new IE2808, a wide range of Extension Box modules for all common signal types are available.

The modules were designed for direct connection of multipole valve terminals, which in many cases feature a D-sub connector. The outputs can be connected to the IP-Link system and to the fieldbus and controller via a simple, cost-effective D-sub cable. If the installation requires protection class IP 67 throughout, a suitable cable or field-configurable connector must be used.

The switch status of the signals is displayed in groups via 2 LEDs (outputs 1–7, outputs 8–16). A visual warning appears in the event of a channel being affected by a short circuit. The exact position of the fault can be queried and the cause rectified via the fieldbus.