**Press release**

**Schmersal SFB port extender: Extension module with additional digital inputs and outputs**

**Maximum flexibility for decentralised automation**

**Wuppertal, 25. November 2025**. With the new SFB port extender, Schmersal presents a powerful extension for the Safety Field Box (SFB) that significantly simplifies the connection of additional switching devices in the field. Up to four PCB modules can be connected per SFB – each of which enables the connection of additional digital I/O components. The result: maximum flexibility for customised applications in automation technology.

**Non SFB-capable devices can also be integrated**

A particular advantage of the SFB port extender is the possibility of connecting a large number of non-safe switching devices to the SFB. These can be easily connected and analysed via the three supported fieldbus protocols - ideal for heterogeneous system landscapes. Power is supplied directly via the SFB connection, which reduces the installation effort and simplifies system integration.

**Technical features at a glance:**

* Installation module for customised control panels, e.g. with illuminated buttons, EMERGENCY STOP or other digital I/O devices
* Up to 4 port extenders can be connected per SFB
* 8 digital inputs (24 VDC) for electromechanical or electronic switches
* 8 digital outputs (24 VDC / 300 mA) for LED indicator lights, lamps and other loads (total current max. 800 mA)
* 2-channel safety input for the connection of safety switches with contacts

With the SFB port extender, Schmersal offers a future-proof solution for expanding decentralised control systems – compact, powerful and versatile.

[**Download**](https://www.schmersal.com/en/press/press-releases/detail-pm/schmersal-sfb-port-extender-extension-module-with-additional-digital-inputs-and-outputs) **printable photos.**

**Captions**

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KI-generierte Inhalte können fehlerhaft sein.

**20251125\_SFB\_01.jpg**

The new SFB port extender extends the connection options of the Safety Field Box (SFB).

**Ein Bild, das Text, Screenshot, Elektronik, Fernbedienung enthält.

KI-generierte Inhalte können fehlerhaft sein.**

**20251125\_SFB\_02.jpg**

Up to four printed circuit board modules can be connected to an SFB, each of which has the

Enable connection of additional switching devices.

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**The Schmersal Group**

In the demanding field of machine safety the Schmersal Group is one of the international market and competence leaders. Based on the world's most comprehensive product portfolio of safety switching devices, the group develops safety systems and safety technology solutions for the special requirements of various user industries. Schmersal's solutions include the tec.nicum business division and its comprehensive range of services.

The company was founded in 1945, and is represented by eight manufacturing sites on three continents and with its own companies and sales partners in more than 60 countries. The Schmersal Group employs around 2,000 people.

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