**Press release**

**Colour signals: machine status is directly visible on the handle**

**Schmersal is to showcase its new door handle system at Hannover Messe 2024**

**Wuppertal, 21 March 2024.** Schmersal is set to showcase its new DHS door handle system at Hannover Messe 2024: the door handle unites the functions of a robust door handle with display of individual machine statuses using illumination in the handle itself. The door handle system is universally designed so that it can be optimally used with the AZM40 solenoid interlock, with safety sensors from the RSS36 and RSS260 series or as a stand-alone solution.

The handle signals different machine conditions over its area using seven different colours. The user can control the colours individually in order to signal defined machine status.

In addition, a push button is available, which can be individually adapted to customer requirements using the coloured push button caps supplied. The pushbutton can be used for tasks such as a reset function or a request to open the guard door.

The benefit: The DHS door handle system eliminates the need to install additional door handles and indicator lamps. The entire door system has been designed for integration into 40 mm profile systems.

Another highlight of the door handle system product family is the new BDF40 control panel, which, with its flat design, adapts optimally to the AZM40 solenoid interlock. Two versions are available, with or without emergency stop function, both with interchangeable, colour button caps for illuminated or unilluminated pushbuttons.

A connector allows the control panel to be integrated effortlessly into the door system with AZM40 solenoid interlock and DHS door handle. As an alternative, it can also be installed as a standalone control panel. The 12-pin M12 connection enables rapid and reliable installation and can be optionally concealed with an MS assembly kit to guard against tampering.

Visit Schmersal at Hannover Messe between 22 and 26 April 2024:
**Stand D09, Hall 09**

**Photos in print quality for download:**

<https://products.schmersal.com/media/images/PHO_PRO_PRE_kbdf4f01_SALL_AINL_V1.jpg>

<https://products.schmersal.com/media/images/PHO_PRO_PRE_kdhs-f17_SALL_AINL_V2.jpg>

**Image caption:**

The new DHS door handle system from Schmersal can be combined with the AZM40 solenoid interlock and the new BDF40 control panel to signal machine states via the colour of the handle.

**Media contact:**

Sylvia Blömker

Tel.: + 49 202 6474- 895

sbloemker@schmersal.com

K.A. Schmersal GmbH & Co. KG

Möddinghofe 30

42279 Wuppertal, Germany

**About the Schmersal Group**

The Schmersal Group is an international market and expertise leader in the challenging field of machine safety. With the world’s most comprehensive range of safety switchgear products, the Schmersal Group develops safety systems and solutions for special requirements in a variety of user industries. Schmersal’s tec.nicum business division offers a comprehensive service portfolio to complement the range of solutions offered by Schmersal.

Founded in 1945, the company is represented by seven manufacturing sites on three continents with its own companies and sales partners in more than 60 countries. The Schmersal Group employs more than 1900 people worldwide.

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