

PRESS RELEASE

SPS 2022: New command device series for food-processing machinery

In the focus of development: hygiene, ergonomics and safety

Wuppertal, 27 October 2022. The H series from Schmersal will be showcased at SPS 2022 – Smart Production Solutions – in Nuremberg as a full range of new command and signalling devices for hygiene-sensitive applications, particularly food processing.

Characteristic features of the range of command and signalling devices are gap-free transitions between sealing elements and surfaces and an absence of protruding parts. The command elements are easy to clean and so well sealed that they can withstand regular cleaning with high-pressure cleaners and aggressive cleaning agents.

The new series meets the requirements of DIN EN ISO 14159 (Safety of machinery - Hygiene requirements for the design of machinery) and the latest version of EN 1672-2 (Food processing machinery - Basic concepts). This standard sets out very precise specifications for the hygienic design of all command elements at the human-machine interface (HMI) of food-processing machinery. Also taken into consideration was a new regulation, which formulates the requirements relating to the selection of materials for this particular area of use (Regulation 10/2011/EU).

The new H series replaces the N range, which has been used globally at the HMI of food-processing machinery. The new range of command devices offers a range of different

switchgear, including pressure switches, lamp indicators, selector switches, master switches and emergency-stop devices.

The new H range not only meets the requirements of the standards and 'hygienic design' construction principle but is fully modular as well. Thanks to snap-on contact carriers and individual contacts which can be combined (also in a piggyback system), this concept enables very easy and rapid installation as well as maximum flexibility and the ideal preconditions for pre-wiring.

A total of 147 different devices are available, including 26 mushroom pushbuttons, 24 selector switches with two or three positions and four potentiometer-rotary switches. The designer of a food-processing machine can freely decide which type of command device from the H range he wishes to use for the design of the HMI. With its wide range of different hygienic switchgear devices, the H range is unique to the market. In addition, and also new, the designer can order these command and signalling devices with individual laser marking, e.g. as an OEM version with logo.

Visit Schmersal at SPS – Smart Production Solutions – **stand 460, hall 9** between **8 and 10 November 2022**.

Photo in print quality for download:

https://products.schmersal.com/media/images/PHO_PRO_PRE_h-programm-01_SALL_AINL_V1.jpg

Image caption

The new H series contains various types of switchgear: pressure switches, lamp indicators, selector switches, master switches and emergency-stop devices.

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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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