



Product News

## **steute: Emergency pull-wire Switch for extreme Environments**

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*Löhne, Germany -*

With its ZS 92 S series, the steute business unit "Extreme" is presenting a new series of emergency pull-wire switches especially designed for Extreme environments. The die cast aluminium housing, for example, is very robust and multi-coated (passivation, base coat, powder coating).



The steute ZS 92 S Safety Switch can be used in adverse ambient conditions with temperatures ranging from -40 to +85°C and with wire lengths of up to max. 2 x 100 m

During the construction process, the steute developers recalculated the entire pull-wire system and were able to considerably reduce both the force and the travel required to actuate the emergency stop function. This makes the safety switch easier to operate and also means that it reliably meets all the relevant international standards (e. g. for emergency stop switchgear, for emergency pull-wire switches and for continuous conveyor safety). Versatility of the switching device also played an important role in its development. The ZS 92 S can be supplied with nine different positionings of the release lever and unlocking mechanism. This means that it can be installed more or less anywhere, including for the first time on the rear side of an object. The installation dimensions are compatible with its predecessor, the ZS 91, and with other readily available emergency pull-wire switches, making it easy to retrofit existing (conveyor) plants with the new switch. Options open to users of the ZS 92 S include an LED indicator lamp and connection of the switch to the intrinsically safe "Dupline Safe" protocol via an integrated plug-in safety bus module. The ZS 92 S can be used in adverse

ambient conditions with temperatures ranging from -40 to +85°C and with wire lengths of up to max. 2 x 100 m. The new emergency pull-wire switch is available now, and will be followed shortly by a new belt alignment switch in the ZS 92 series. Variants for gas and dust explosive atmospheres are in preparation.