Innovative Wireless Safety System RE 6900

Maximum mobility with the highest level of safety up to Cat. 4 / PL e or SIL 3

Maintenance work, service and setup operations on robot cells or the emergency stop shutdown of large machines and systems place high demands on safety – especially when shutdown and enable must be performed wirelessly. This is exactly where the new wireless safety system RE 6900 from the SAFEMASTER W series by Dold comes in: The system enables safe shutdown via wireless emergency stop or safety-oriented enabling in setup mode with the wireless enabling switch. Developed for maximum mobility with the highest level of safety up to Cat. 4 / PL e or SIL 3, the wireless handheld transmitter is the ideal solution for modern automation and maintenance concepts.

The wireless enabling switch enables safe operation and prevents the unintentional initiation of dangerous movements, as only an activated centre position of the three-stage switch gives the wireless enable for machine movement. Releasing or pressing the switch interrupts the movement and triggers a safety-related shutdown. Thanks to its ergonomic design, the wireless enabling switch fits perfectly in the hand and allows intuitive one-handed operation - with maximum safety up to Cat. 4 / PL e or SIL 3.

The wireless enabling switch is primarily used in robotics for service and maintenance work, while the wireless emergency stop is particularly convincing in large-scale facilities, transport or logistics areas - anywhere where a quick response from a distance is required. With bidirectional wireless communication, motion and shock detection and user authentication via RFID the wireless safety system RE 6900 enables maximum safety and flexibility in everyday industrial use.

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