

INDUS 1S WIRELESS E-STOP



GAIN VALUABLE SECONDS

For enhancing both safety and ease of use at the workplace, Tyro developed a portable, wireless emergency stop button: the Indus 1S. With this smart security solution, you have the emergency stop button always at your finger tips.

The Indus 1S is completely new. In addition to an improved radio protocol with the chance of interference from other transmitters drastically reduced, the Indus 1S now works via narrowband 868 MHz. Furthermore the range has been improved to 700 meters in open field and Tyro has gone a step further in eliminating all possible risks by providing two emergency stop relays in the system. The system is provided with an EC type-examination certification and in compliance to the machine directives with Performance Level C (PL c).

The fixed wired emergency stop is usually mounted on the machine. In an awkward position, distance or entrapment the mechanic cannot reach the mounted emergency stop, with all its consequences. With the Indus 1S Gemini wireless emergency stop you anticipate these risks and save you valuable – life-saving – seconds.

- **Performance Level: EN-ISO 13849-1 (PLc)**
- **Rechargeable with Li-ion battery**
- **Battery life uninterrupted use 50 hours**
- **Temperature range: 0°C - 60°C**
- **Produced with double safety relays with forced contacts**
- **Range of up to 700 m in free field**
- **868 MHz narrow band**
- **Transmitter/receiver with unique 64-bit ID Safety Code**
- **Receiver: IP65, wireless emergency stop: IP44**

INDUS 1S WIRELESS E-STOP

TECHNICAL SPECIFICATIONS

Frequency	868 MHz
Modulation	Narrow band
Communication method	Simplex
Operating range	Up to 700 meter in open field
Reaction time	1,1 sec
Temperature range	0°C to +60°C
Corresponding receiver(s)	Gemini
Functions	1
ID Security code	64-bit
Certificates	CE
Dimensions (L x W x H)	120 x 60 30 mm
Weight	189 gram
Battery	2350 Li-ion mAh accu pack
Lifetime battery	ca. 50 hours
Protection rating	IP44
Service life	10 years

ACCESSORIES

230V charger	Standard
12/24 Vdc Carkit	Optional
Protective case	Optional