



# USi<sup>®</sup>-Safety

- **The USi-safety sensor system in accordance with category 3 PL d**
- **Very tight installation spaces**
- **Dusty environments**
- **Rugged design**
- **A safe sensor system is provided even when only one sensor unit is connected**



# USi<sup>®</sup>-Safety

## USi-safety evaluation unit

- **Category 3 PL d (EN ISO 13849) for each ultrasonic transducer without redundancy**
- **Multiple device installation possible, no mutual interference (no cross-talk)**
- **Safety outputs OSSD**
- **Adjustable sound cone**
- **Temperature compensation**
- **Parameterization, commissioning and reporting via USi-safety parameterization software**

FEATURES & BENEFITS

TECHNICAL DATA

APPLICATIONS



# USi<sup>®</sup>-Safety

## Ultrasonic transducer

- **Extremely compact dimensions**
- **Elliptic sound cone**
- **1.5 m cable length**
- **Temperature range up to 80 °C (176 °F)**



# USi<sup>®</sup>-Safety

- **Reliable detection of people and objects**
- **Detects regardless of surface properties and objects' material**
- **Insensitive to dirt and visual effects**
- **Rugged ultrasonic sensor system for outdoor use**



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