

**PERFECT ROTATION FOR
MAXIMUM FUNCTIONAL SAFETY**

**SAFETY-ENCODERS
FROM PEPPERL+FUCHS**

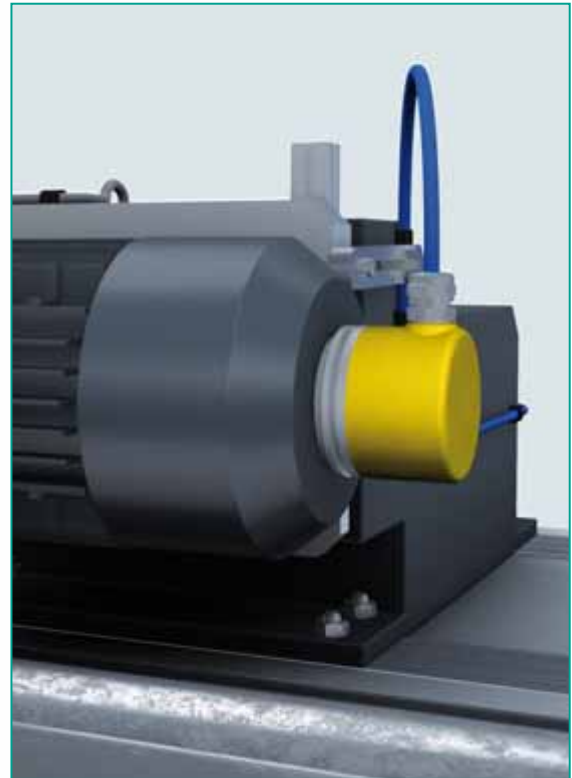


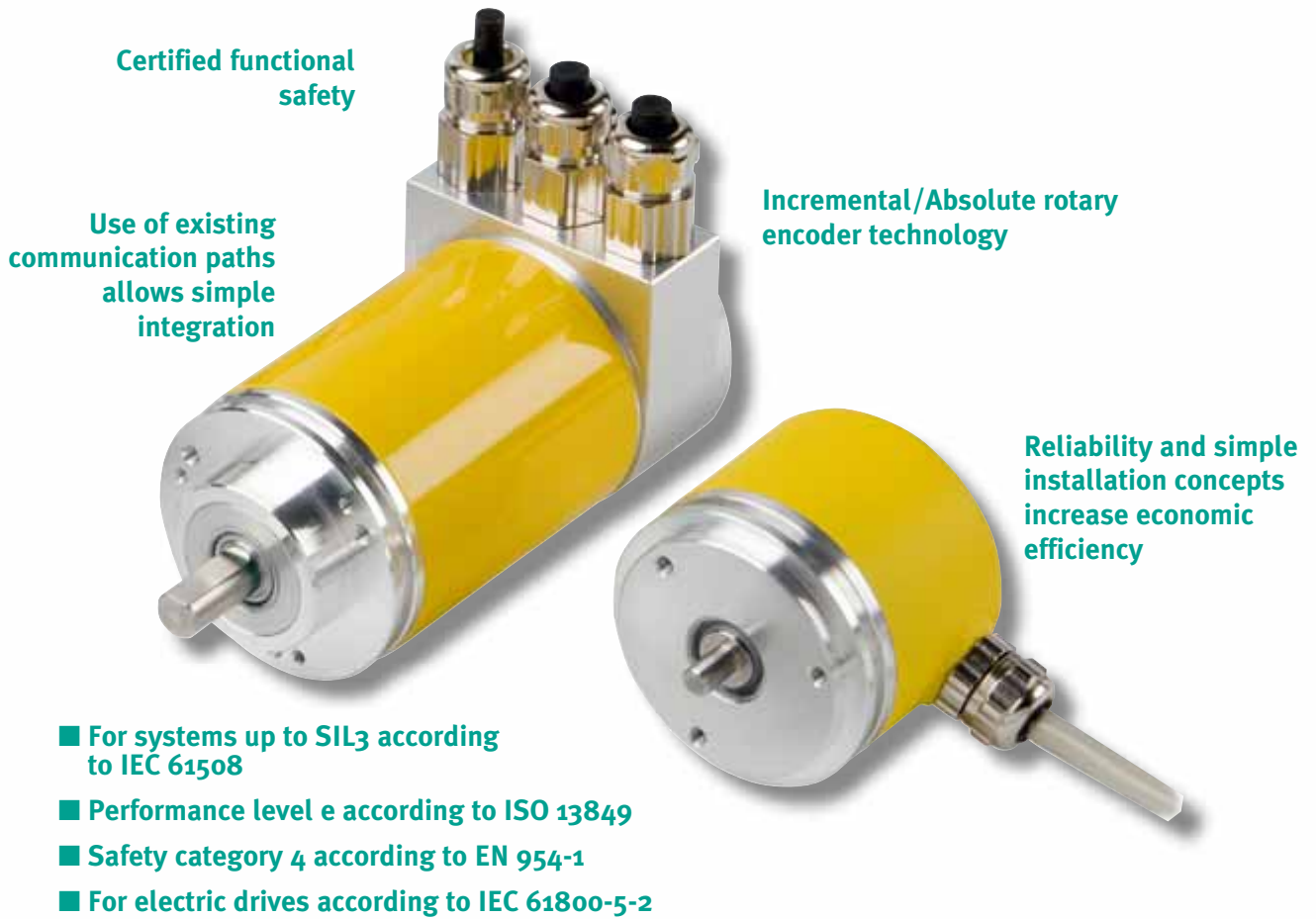
ROTARY ENCODERS WITH FUNCTIONAL SAFETY

Plant manufacturers, system integrators and component manufacturers are faced with higher standards for functional safety due to an increase in the level of automation in machine and plant engineering. Some of the more common requirements include improvements in the functionality of conventional control systems and the capacity to meet high standards of functional safety offered by modern drive controllers. Reliable rotary encoders with a high level of functional safety have adopted a whole new meaning.

In response to these needs, Pepperl+Fuchs has developed a range of certified rotary encoders that incorporate innovative concepts to enable economical system integration. Using existing paths of communication, new ideas allow simple integration in systems with high safety categories up to SIL3 (according to IEC 61508).

SIL
IEC61508





APPLICATIONS

- Drive technology
- Stage equipment
- Overhead rails
- Conveyor systems
- Lifting / Elevator technology
- Machine / Plant construction
- Automation technology
- Vehicle manufacture
- Wind power plants
- General applications:
Systems that fall within the application scope of Machine Directives 98/37/EC and 2006/42/EC.

FACTORY AUTOMATION – SENSING YOUR NEEDS



Pepperl+Fuchs sets the standard in quality and innovative technology for the world of automation. Our expertise, dedication, and heritage of innovation have driven us to develop the largest and most versatile line of industrial sensor technologies and interface components in the world. With our global presence, reliable service, and flexible production facilities, Pepperl+Fuchs delivers complete solutions for your automation requirements – wherever you need us.

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