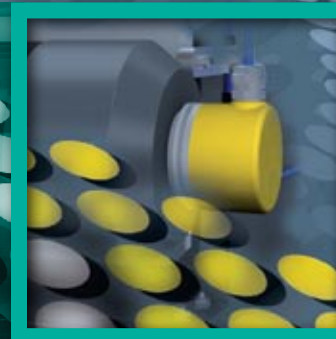
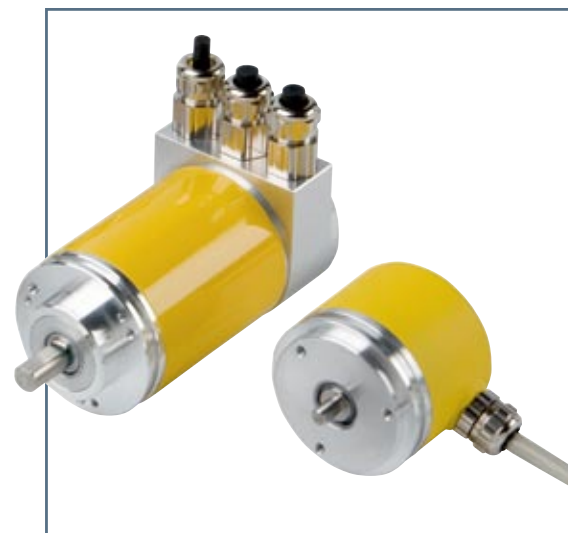




ROTARY ENCODERS WITH HIGH-LEVEL FUNCTIONAL SAFETY



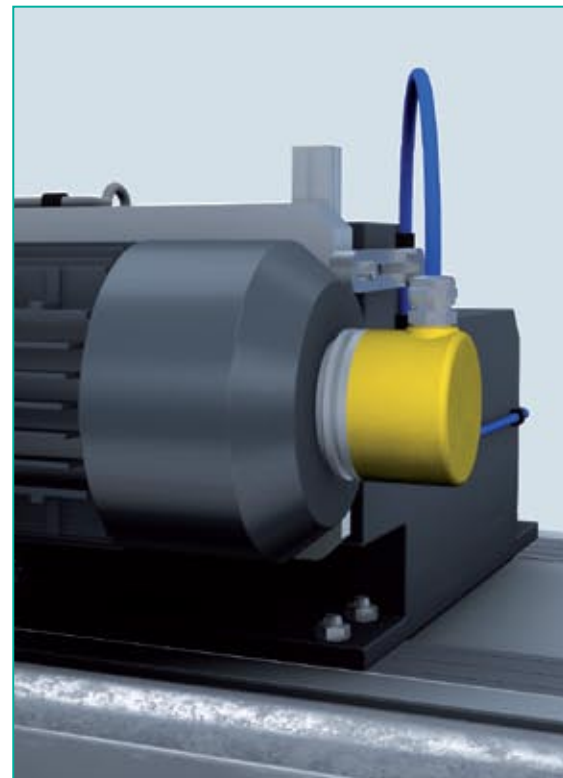
ROTARY ENCODERS WITH FUNCTIONAL SAFETY

As automation increases in machine and plant engineering, plant manufacturers, system integrators, and component manufacturers are faced with higher standards for functional safety.

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, these functionally safe rotary encoders are easily integrated into systems with high safety categories up to SIL3 (according to IEC 61508).

SIL
IEC61508



Certified functional safety

Use of existing communication paths allows simple integration

Model: CV558S (Single turn)
CVM58S (Multiturn)

Incremental/absolute rotary encoder technology

Reliability and simple installation increase efficiency

- For systems up to SIL3 according to IEC 61508
- Performance level e according to ISO 13849
- Safety category 4 according to EN 954-1
- For electric drives according to IEC 61800-5-2

Model: RVS58S

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.

Contact

Pepperl+Fuchs Inc.
1600 Enterprise Parkway
Twinsburg, Ohio 44087 • USA
Tel. +1 330 486-0001 • Fax +1 330 405-4710
E-mail: fa-info@us.pepperl-fuchs.com

Worldwide Headquarters

Pepperl+Fuchs GmbH • Mannheim • Germany
E-mail: fa-info@de.pepperl-fuchs.com

USA Headquarters

Pepperl+Fuchs Inc. • Twinsburg • USA
E-mail: fa-info@us.pepperl-fuchs.com

Asia Pacific Headquarters

Pepperl+Fuchs Pte Ltd • Singapore
Company Registration no. 199003130E
E-mail: fa-info@sg.pepperl-fuchs.com

www.pepperl-fuchs.com

 **PEPPERL+FUCHS**
SENSING YOUR NEEDS

Subject to modifications • © 2009 PEPPERL+FUCHS, INC. • Printed in USA • Part No. 912834 08/09 00