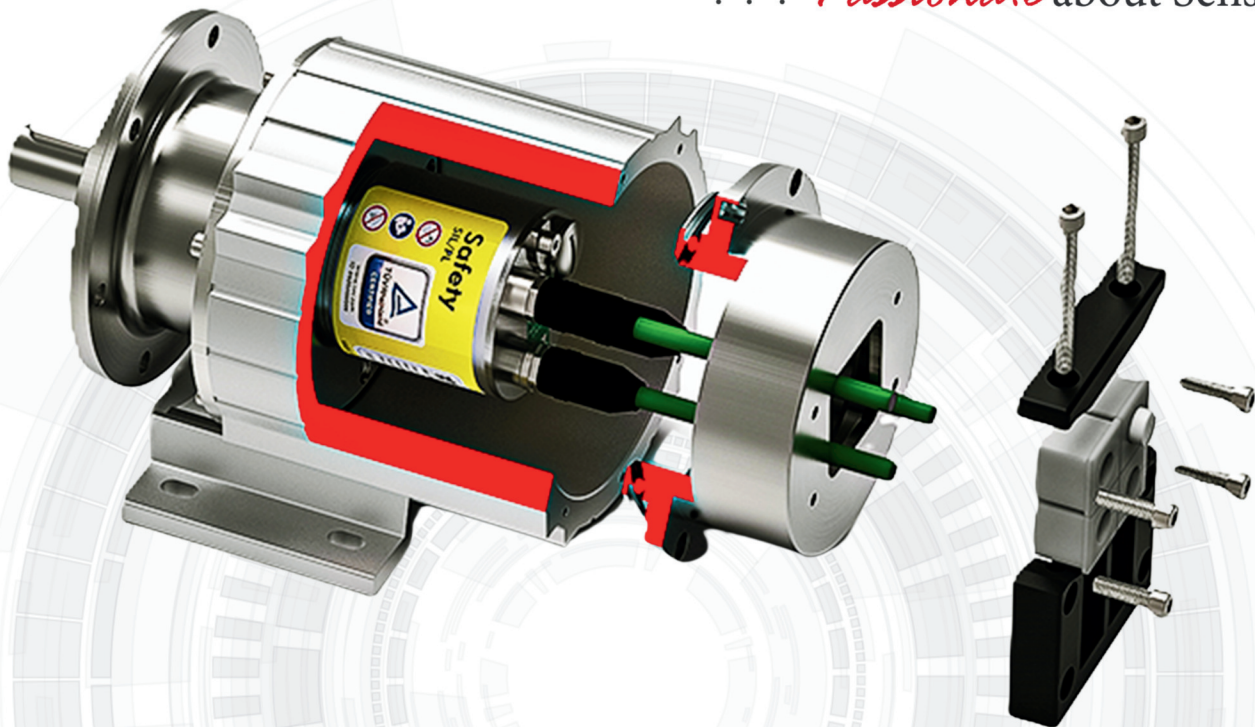




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## Protective housing C\_1152

### Heavy-duty protective housing with convenient field cabling

Reinforced bearings and additional housing layers make the rotary encoder highly resistant to external mechanical influences. While an M12 connector is practical in normal environments, it can struggle in harsh conditions. For applications with SIL encoders (CD\_582+FS series), increased shaft forces, mechanical impact risks, and the need for pre-assembled cables, a specialized solution is needed.

Our solution to these challenges is the new protective housing with a 115 mm outer diameter. It features a reinforced mounting flange, a robust foot, and strong bearings that dissipate forces into the flange. The continuous cast aluminum housing, with a 20 mm wall thickness, shields the encoder from damage. The innovative connection bell allows users to access the M12 connections even when the housing is open, maintaining protection in dusty environments. This protective housing is compatible with all encoders in the 582 series.

# Communication Interfaces

CD\_582+FS



C\_582



CR\_582

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