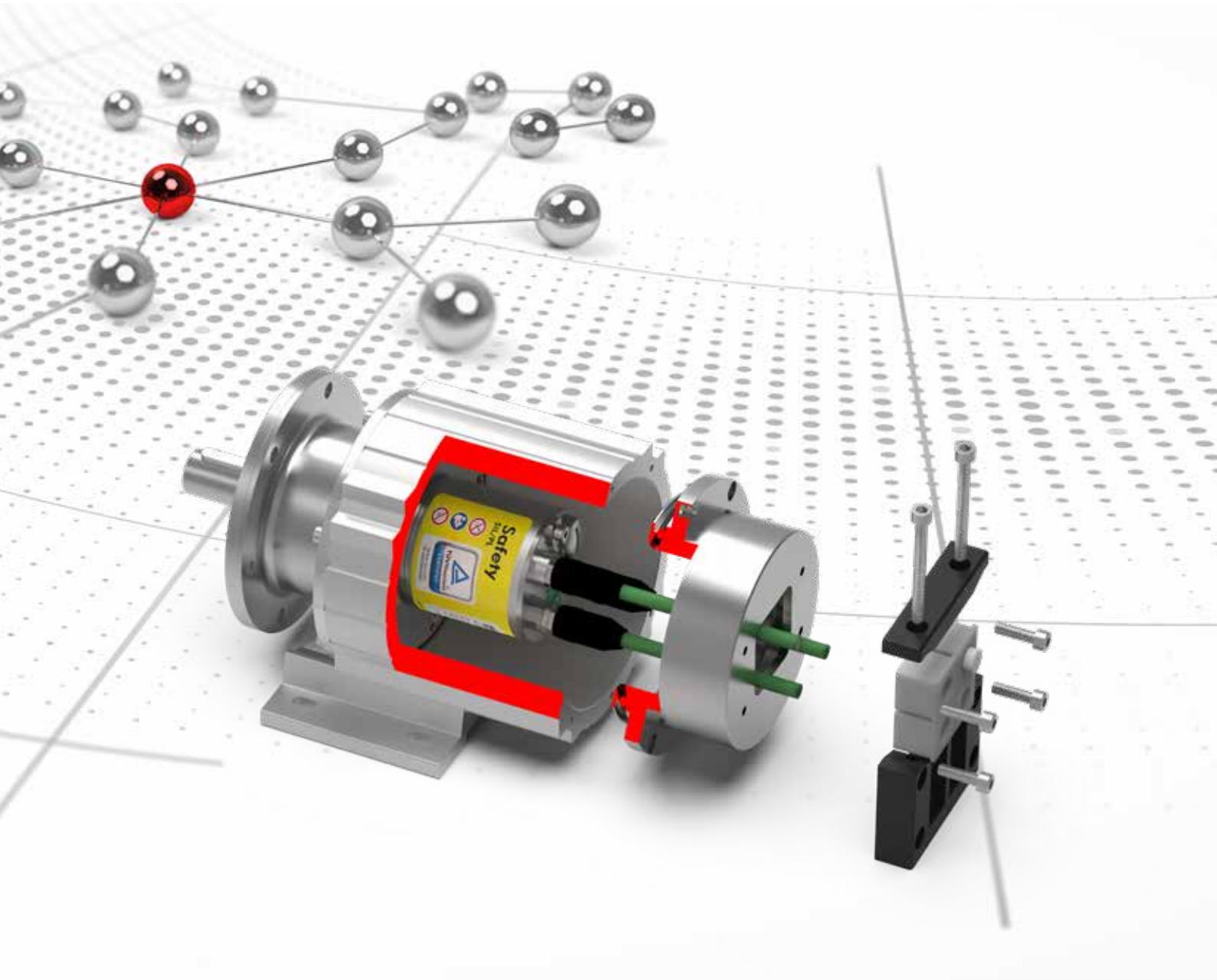
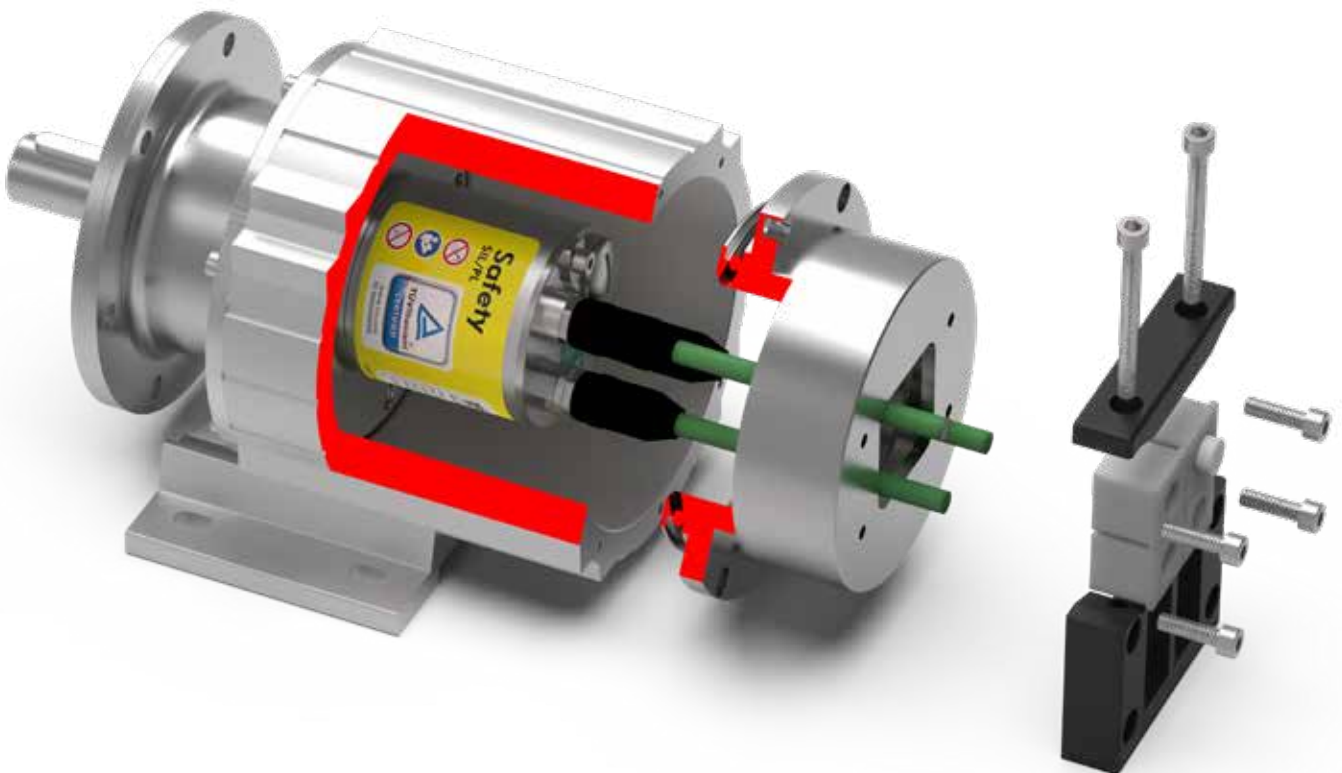


# Protective housing C\_\_1152



## Heavy-duty protective housing



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

Reinforced bearings and additional housing layers make the rotary encoder almost impervious to external mechanical influences.

An M12 connector is not particularly resistant to mechanical influences. What is very practical and effective for normal environments can quickly lead to headaches in adverse conditions. Sometimes these different requirements come together: SIL encoders (CD\_582+FS series from TR Electronic), increased forces on the shaft, risk of mechanical impacts on the housing and the desire to use pre-assembled cables. This requires a special solution.

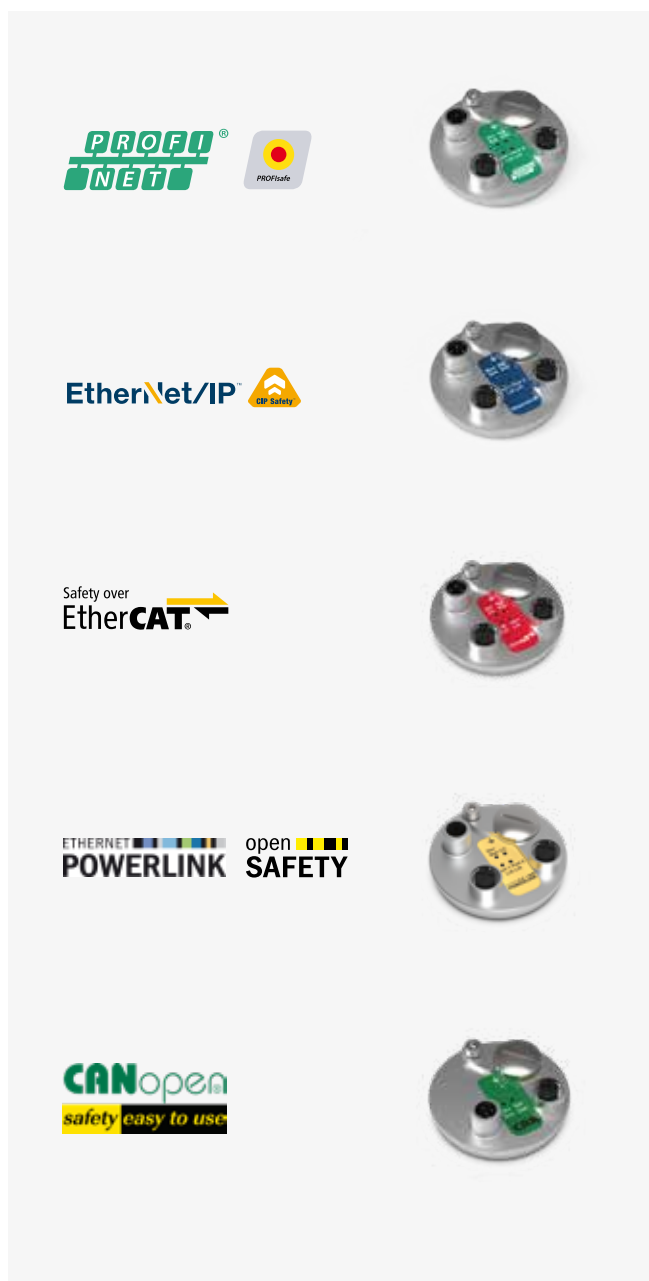
Our answer to these challenges is the new protective housing with an outer diameter of 115 mm.

The proven mechanics of the 115 protective housing offer a reinforced mounting flange and a robust mounting foot. Forces acting on the shaft are dissipated into the flange by two strong bearings. The internal rotary encoder is shielded from harmful influences by the surrounding continuous cast aluminum housing with a wall thickness of 20 mm.

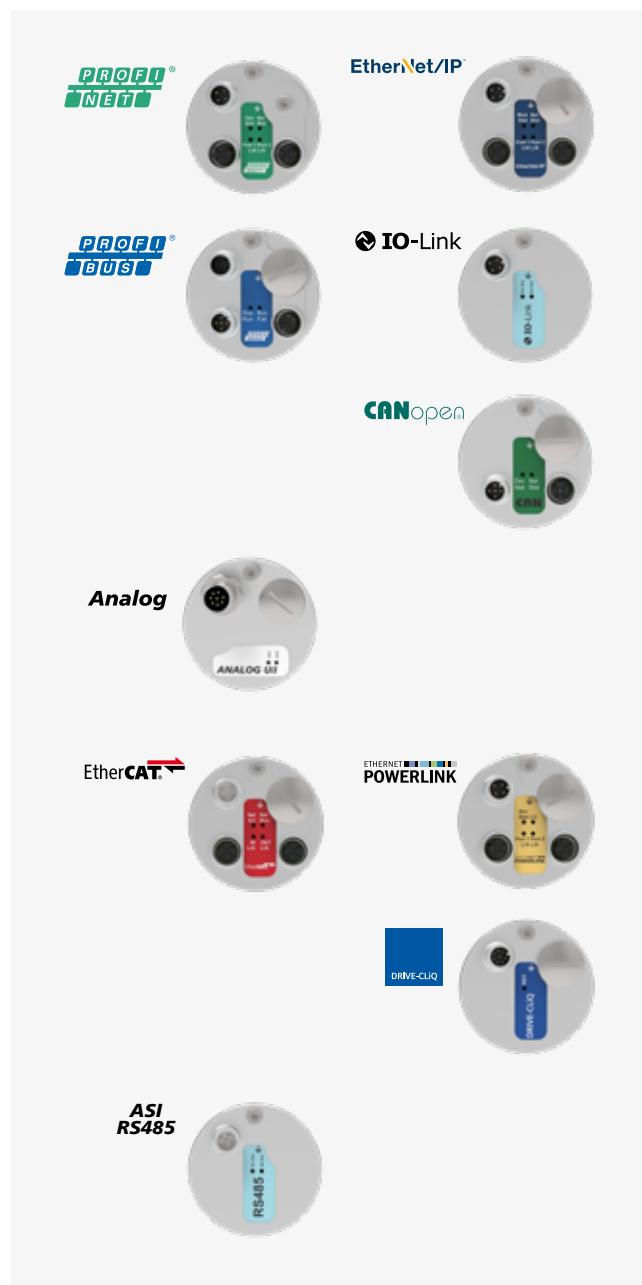
The innovation in the new protective housing version lies in the connection bell. This can be fully opened by the user and thus provides direct access to the M12 connections of the encoder. Even when the protective housing is open, the internally installed encoder offers the tightness of a CDV582+FS, so that the protective housing can also be opened for cabling in dusty environments. The protective housing is of course suitable for all encoders in the 582 series.

# communication interfaces

## CD\_582+FS



## C\_\_582



## CR\_582



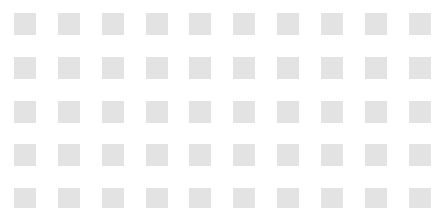
Would you like more information about the interfaces?  
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Subject to technology and design modifications.

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