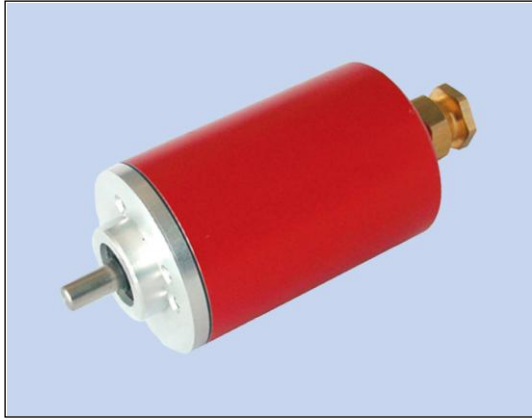
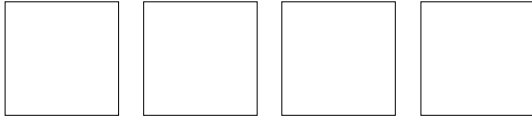


ATEX Ex-Protection for Absolute-Encoder, 10mm shaft

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 Germany



- **Field of application Group II**
 - Category 2:** Zone 1 gas; Zone 21 dust
For casual explosive condition
 - Category 3:** Zone 2 gas; Zone 22 dust
For seldom or short explosive condition
- **Occurrence of gas-air mixture**
- **Occurrence of dust-air mixture**
as vapors or spray (Aerosol)
- **Delivery completely mounted, with custom specific encoder type and Ex-approval**

Description

This case do you need in applications with explosive atmosphere as a casual condition or sporadic explosive atmosphere.

This is for the explosion protection class II 2 G/D EEx de IIC T6; PTB 03 ATEX 1051

Group of II, Category 2: Zone 1 gas and Zone 21 dust (casual explosive atmosphere)

Group of II, Category 3: Zone 2 gas and Zone 22 dust (seldom or short explosive atmosphere)

Protection class: IP 65

Temperature range: -20 °C to +40°C.

Max. number of data lines: 14 + power supply

Dimensional drawing

Mechanically permissible speed $\leq 6.000 \text{ min}^{-1}$
 Shaft load, at the shaft end $\leq 40 \text{ N axial}, \leq 100 \text{ N radial}$
 Bearing life time $\geq 3.68 \cdot 10^{10}$ revolutions at 60 °C and with half of the maximum values

