

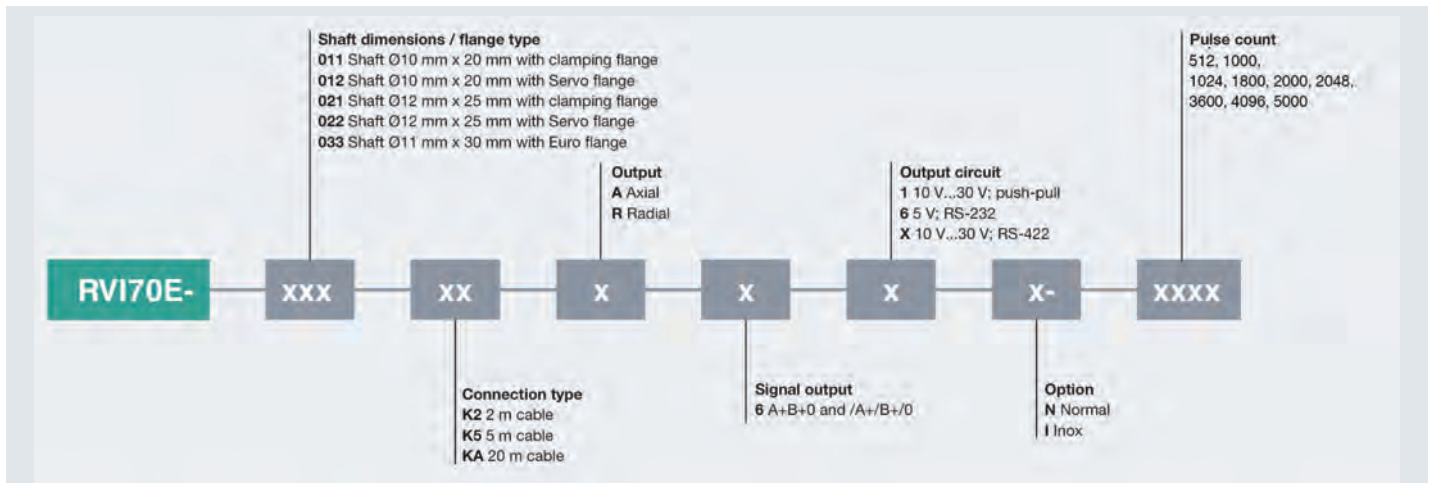
## RVI70E Series



### Standard Technical Data

Scanning method	Optical
Output type	Push-pull or RS-422
Pulse count	Max. 5000 pulses
Connection type	Cable
Housing design	Ø 70 mm
Shaft type	Solid shaft and recessed hollow shaft
Degree of protection	IP66/IP67
Rotational speed	Max. 6000 rpm
ATEX	■

For detailed data and description, see the datasheet. Further products can be found online at [www.pepperl-fuchs.com](http://www.pepperl-fuchs.com).



### Highlights

- Global certification: ATEX, IECEx, KOSHA, NEPSI
- Robust bearing design ensures a long service life and reduced maintenance
- Compact housing design, ideal for confined spaces
- Suitable for use in demanding environments thanks to a high degree of protection and a sea water-resistant housing
- Large range of applications due to extended temperature range of -40 °C to 70 °C and high rotational speeds
- Wide range of variants for easy adaptation to any application

### Brief Description

#### Suitable for Any Climate

The Ex rotary encoder with ATEX, IECEx, Ex-NEPSI and KOSHA certification offers more than just a high degree of protection. With its seawater-resistant housing, it is also suitable for use in offshore applications. The high rotational speed of 6000 rpm with an extended temperature range from -40 °C to 70 °C allows reliable deployment even under extreme climatic conditions. The compact housing design ensures efficient use of space. The rotary encoder is certified for explosion-hazardous areas (Group II) and for firedamp-sensitive mines (Group I).