RVI58X and RSI58X Series

Standard Technical Data	
Scanning method	Optical
Output type	Push-pull or RS-422
Pulse count	Max. 5000 pulses
Connection technology	Cable
Housing design	Ø 58 mm
Shaft type	Solid shaft and recessed hollow shaft
Rotational speed	Max. 6000 rpm
UL	■

For detailed data and description, see the datasheet. Further products can be found online at www.pepperl-fuchs.com.

Shaft dimensions / flange type
011 Shaft Ø10 mm x 20 mm with clamping flange
032 Shaft Ø6 mm x 10 mm with Servo flange

Output
A Axial
R Radial

Output circuit
1 10 V...30 V; push-pull
6 5 V; RS-232
X 10 V...30 V; RS-422

Pulse count
100, 360, 500, 512, 1000, 1024, 1250, 2048, 2500, 3600, 4096, 5000

RVI58X- | xxx | xx | X | X | X | X- | xxxx

Connection type
K1 1 m cable

Signal output
6 A+B+0 and /A+/B+/0
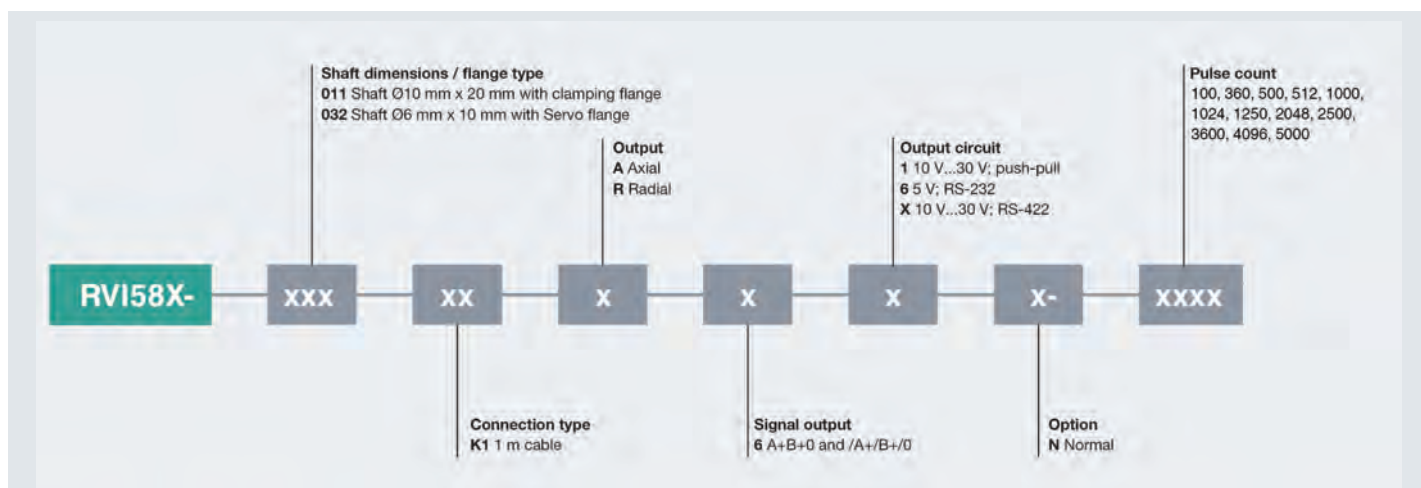
Option
N Normal

Highlights

- Can be used in hazardous, potentially explosive atmospheres with gases or dusts
- Compact housing design for confined spaces
- High signal accuracy with up to 5000 pulses
- Flexible application and mounting options
- Can be used for longer cable lengths via RS-422 electrical interface with 10 to 30 V supply voltage

Brief Description

Compact and Flexible
This incremental rotary encoder delivers up to 5000 pulses per revolution through either a push-pull output or an RS-422 interface. Despite its design for explosion-hazardous areas, it is no larger than the corresponding standard version. This makes it ideal for integration in plants with limited space. Due to its 58 mm standard housing, it is also ideally suited for retrofitting a machine for use in Ex zones.