

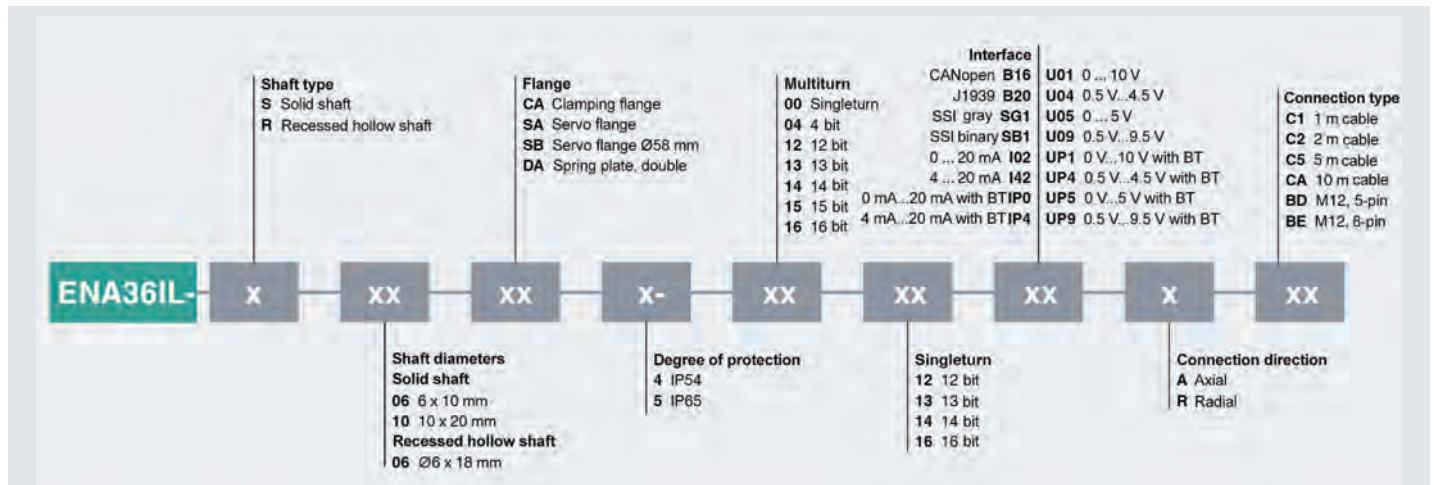
# ENA36IL Series



### Standard Technical Data

Scanning method	Magnetic
Output type	Analog, CANopen, J1939, SSI
Singleturn	Up to 16 bit
Multiturn	Up to 16 bit
Connection technology	Plug, cable
Housing design	Ø 36 mm
Shaft type	Solid and recessed hollow shaft
Rotational speed	Max. 12000 rpm
Degree of protection:	IP54/IP65
Operating temperature:	-40 °C...85 °C (plug)/-30 °C...70 °C (cable)
UL	■

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

- Magnetic rotary encoder technology with Hall effect sensor for highly dynamic processes
- Very high resolution and absolute accuracy of <math><0.1^\circ</math> for high-precision applications
- Compact housing design for confined spaces
- Wear-free technology allows a long service life and reduces maintenance demands

## Brief Description

### Accuracy for Precise Applications

With a total resolution of up to 32 bits and an accuracy of <math><0.1^\circ</math>, the encoder is the ideal solution for dynamic applications where precise positioning is important. Its consistently robust technology makes it completely insensitive to shocks and vibrations. An ideal sensor in robotics, for example, but also in drive technology for speed monitoring.

### Accessories

9401/9402	Spring steel coupling
9404	Spring disk coupling
9408	Double-loop coupling
9409	Bellows coupling
9410	Precision coupling
9460	Stainless steel bellows coupling
CW	Helix coupling
Example: 9404 10*10 (D1*D2 coupling)	