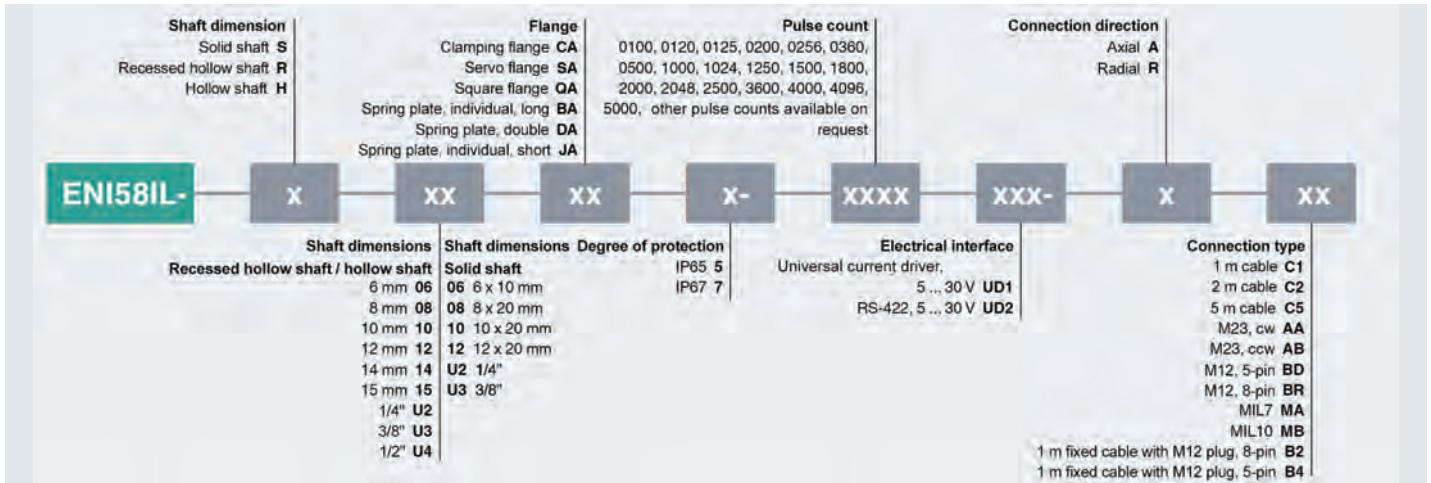


# ENI58IL Series



Standard Technical Data	
Scanning method	Optical
Output type	Push-pull or RS-422
Pulse count	Max. 5000 pulses
Connection type	Plug, cable, fixed cable with plug
Housing Design	Ø 58 mm
Shaft type	Solid, recessed hollow, and hollow shaft
Rotational speed	Max. 12000 rpm
Degree of protection	IP65/IP67
Operating temperature	-40 °C ... 85 °C
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

- BlueBeam technology: Unmatched precision even at the highest speeds up to 12000 rpm
- Optimal application solution through a complete portfolio with a wide range of shaft, flange and connection options
- Especially robust design with blocked bearing unit for permanently high bearing loads and long service life
- High shock and vibration resistance coupled with EMC protective circuitry for maximum plant availability and process safety

## Brief Description

### Impressive Features Profile

The BlueBeam technology in combination with a precisely adjusted code disk enables maximum signal quality and precision. The broad portfolio makes these advantages available for almost every application: Thanks to the wide range of shaft, flange and connection options—also for worldwide use—you always get the right configuration. The especially robust design ensures plant availability and maximum process reliability at all times. In addition to the extreme resistance to vibration and shock, the special EMC protection circuit enables impressive immunity to interference. The blocked bearing unit permits permanently high bearing loads and prevents the ball bearings from being pressed out.

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)