

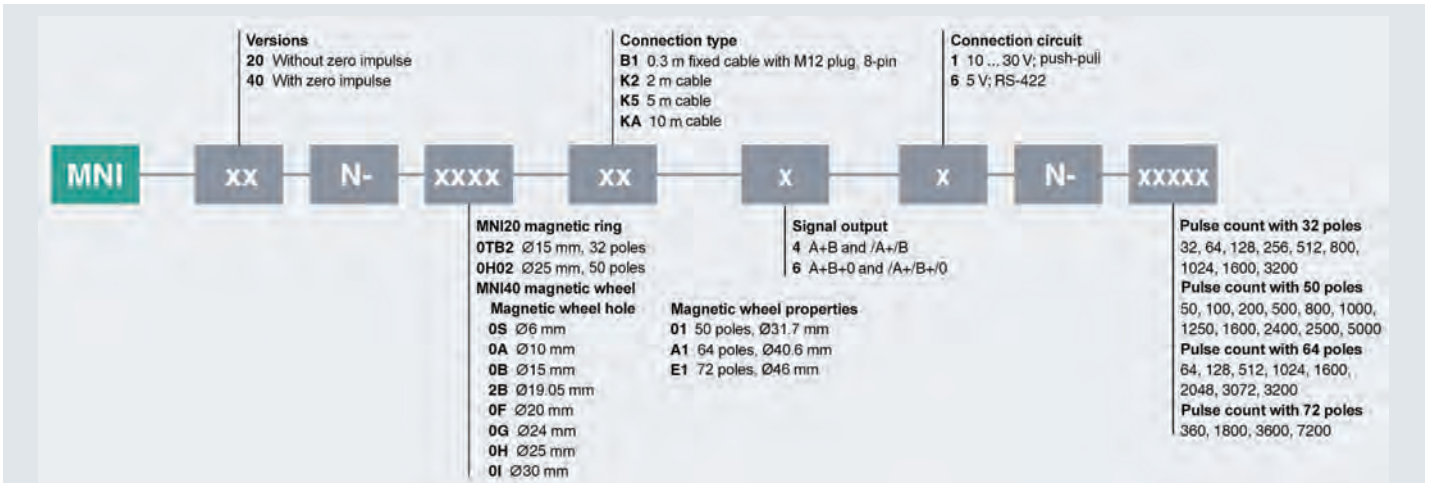
MNI20 and MNI40 Series



Standard Technical Data

Scanning method	Magnetic, noncontact
Output type	Push-pull or RS-422
Pulse count	Max. 10000 pulses
Connection technology	Cable, fixed cable with plug
Rotational speed	Max. 30000 rpm
Degree of protection	IP67/IP68/IP69K
Operating temperature	-40 °C ... 100 °C
UL	■

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



Highlights

- Assistance function and LED indicator for simplified installation and testing
- Quality assurance provided by full self-diagnosis, including for the magnetic wheel
- Resistant to dirt, thermal and mechanical shocks, and high-pressure cleaners
- Efficient solution with long service life at high rotational speed and temperature
- Variant with magnetic ring allows the cable to be guided through the hollow shaft
- Reliable functionality even with large shaft play or large bearing gap
- Also suitable for heavy-duty applications

Brief Description

Noncontact and Wear-Free

Robust technology, reliable continuous function and easy installation—these are the main features of the special technology of the bearing-free incremental rotary encoder. The bearing-free rotary encoder is available in versions with a magnetic ring or magnetic wheel. With a noncontact connection between the sensor and the magnetic wheel, the rotary encoder eliminates the need for ball bearings. This guarantees a long service life, even at high rotational speeds up to 30000 rpm. Accommodating significantly larger hollow shaft diameters than with conventional rotary encoder solutions is also possible.