

## Incremental encoder with fixed resolution

TR-Electronic provides new series of fixed-resolution incremental encoders.

Resolution of new series incremental encoders is set in factory. Family IE\_58 supports resolutions 2 up to 10.000 pulses per turn; family IO\_58 is capable of resolutions up to 65.536 pulses.

Incremental rotary encoders series I\_\_58 can be obtained with solid shaft, blind and hollow-through shaft for shaft diameters up to 15 mm. For linear measurements, IE\_ and IO\_ can be equipped with a suitable wire length encoders.

As connection options, M23 and M12 connectors are available, cable is possible as well.

Incremental encoders work with supply voltages from 4,75 up to 30 V dc. Output signal is factory set TTL (5 V) or HTL (= VCC).

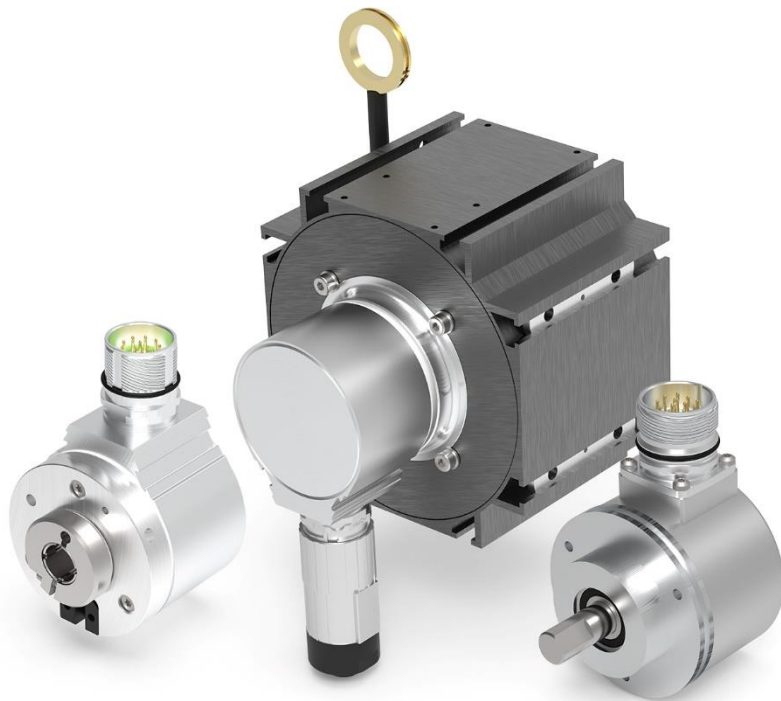
### Technical Data

- IEx max 10.000 Increments
- IOx max 65.536 Increments
- Solid shaft, blind- and hollow shaft, wire length encoder
- M23 / M12 connector or cable gland
- Wide range power supply 4,75 ... 30 VDC
- TTL- or HTL-output

[www.tr-electronic.com](http://www.tr-electronic.com)

our products: <https://www.tr-electronic.com/s/S023177>

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Incremental encoders with fixed resolution made by TR-Electronic.