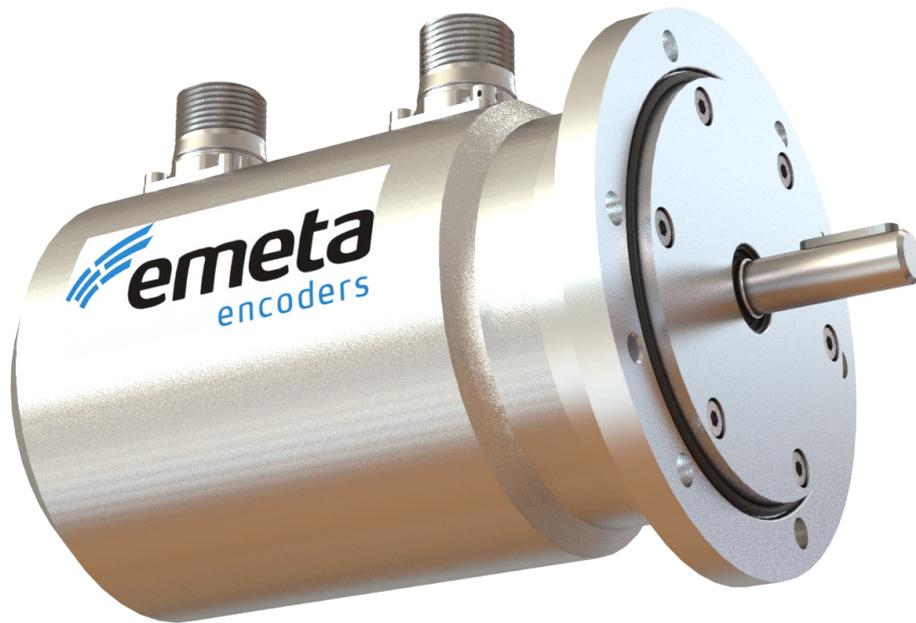


PRODUCT INTRODUCTION



MA4201

Heavy Duty Redundant Encoder

A new series of redundant encoders for use in harsh and demanding environments.

The series can be used in different combinations with absolute SSI and incremental encoders to create redundancy.

PRODUCT INTRODUCTION



MA4201 with Cable

MA4201

Heavy Duty Redundant Encoder

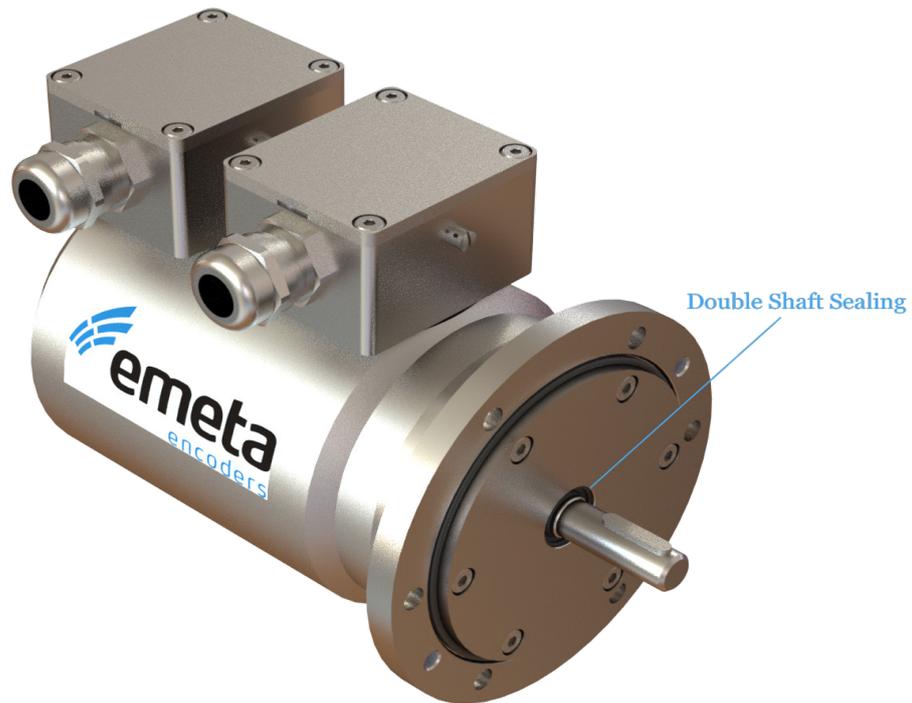
BUILT TO LAST

The latest encoder from Emeta is designed for harsh and demanding environments. This robust encoder is available with an aluminium or Stainless Steel AISI 316 housing. The encoder comes with 115mm B10 mounting flange and $\varnothing 11$ mm solid shaft with key-way to prevent slip.

With features such as double shaft sealings, breathable membrane filter and mechanical locking this encoder will withstand even the harshest environments.



PRODUCT INTRODUCTION



MA4201 with Terminal Box

MA4201

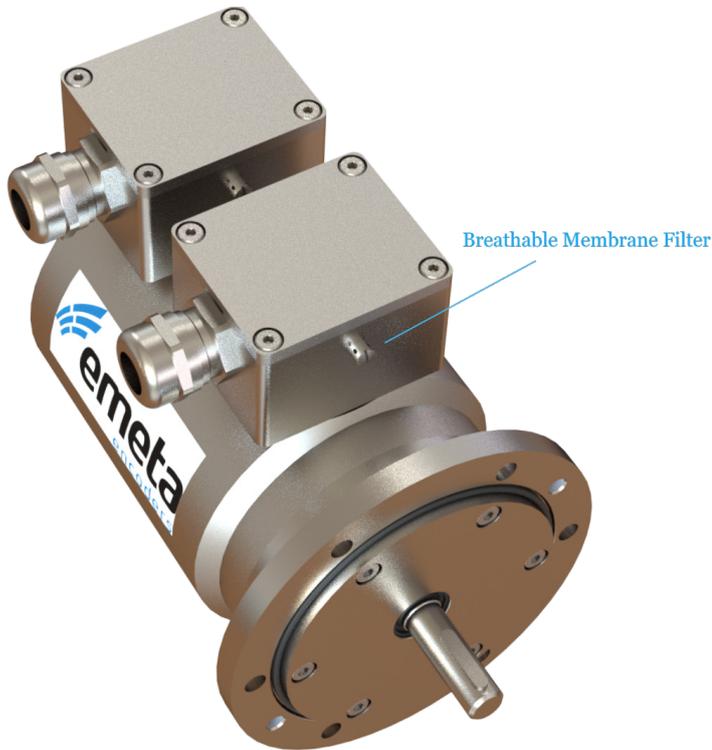
Heavy Duty Redundant Encoder

Double Shaft-Sealing

Through extensive research and development the MA4201 has been incorporated with the latest features to benefit the usage in harsh environments.

One of these features include the shaft protection. The rotary shaft protection seal arrangement consists of 2 shaft sealings with protective lip. The sealings ensure protection against moisture, fluids and dust from entering via the shaft.

PRODUCT INTRODUCTION



MA4201 with Terminal Box



MA4201 with 12-pin M23 Male Connector

MA4201

Heavy Duty Redundant Encoder

Breathable Membrane Filters

Located on the terminal box in the housing under a ventilated screw and under the bottom of the terminal box the membrane filters acts as a vent, allowing airflow and at the same time prevents condensation due to fluctuations in temperature. The membrane filters are incorporated in all of Emetas terminal boxes used in rough environments to ensure durability.

On the cable version and 12-pin M23 male connector version the breathable membrane is located under a ventilated screw on the connector. Acting as a vent for the housing.

PRODUCT INTRODUCTION



MA4201 with M23 12pin Male Connector (Option A)



MA4201 with Cable (Option B)



MA4201 with Terminal box (Option A)

MA4201

Heavy Duty Redundant Encoder

Connections

The MA4201-Series can be supplied with 3 types of connections suitable for your application type.

A- Radial 12-pin M23 Male Connector, CCW

B- Radial cable 5m.

C- Terminal box with cable gland for $\varnothing 6$ - $\varnothing 12$ mm

PRODUCT INTRODUCTION



Customer satisfaction

We aim to please our customers and their needs. We offer our support regarding your Emeta products during the lifespan of the product. We at Emeta strive to have a close relationship with our customers and are happy to help with new projects. Most of our encoders can be customized upon request so if you have special requirements feel free to contact us!

Emeta Encoders

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