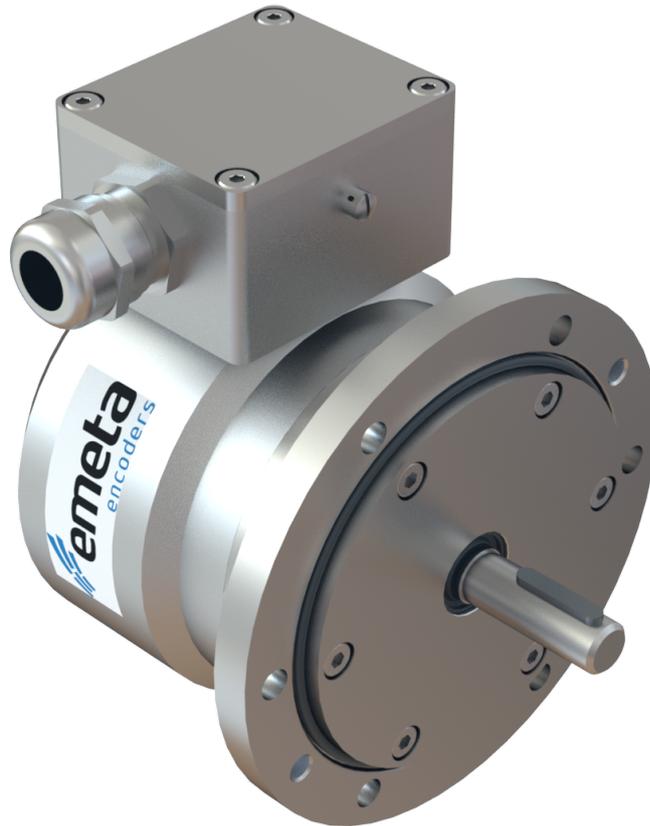


PRODUCT INTRODUCTION



MA4101

Heavy Duty Encoder

A new series of incremental encoders for harsh and demanding environments.

PRODUCT INTRODUCTION



MA4101 with Terminal Box

MA4101

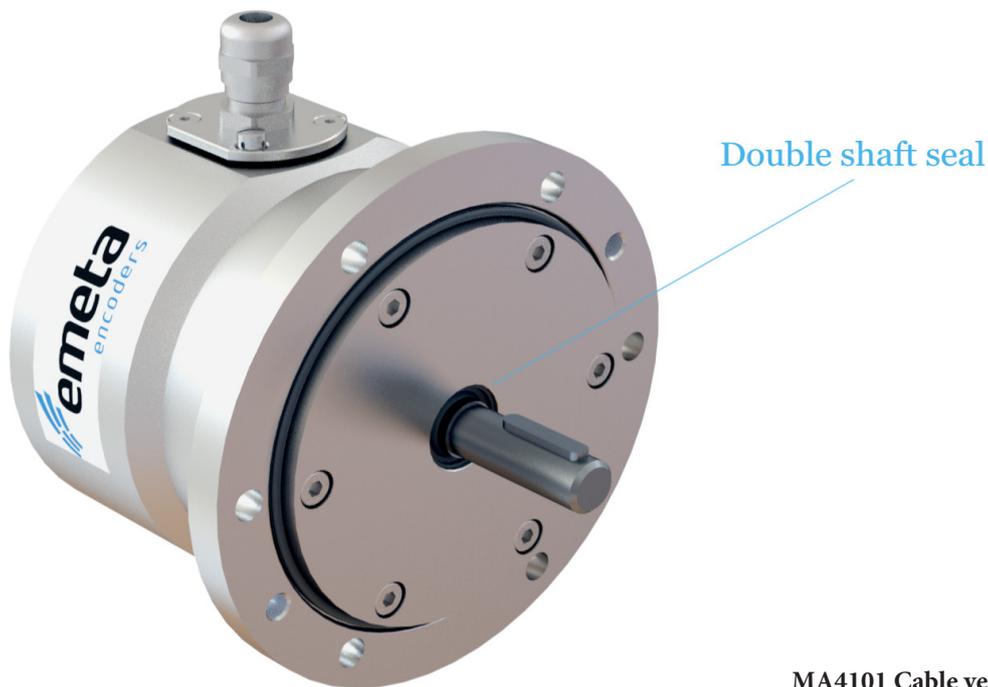
Heavy Duty Incremental Encoder

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 seal, breathable membrane filter and mechanical locking this encoder will withstand even the harshest environments.

PRODUCT INTRODUCTION



MA4101 Cable version

MA4101

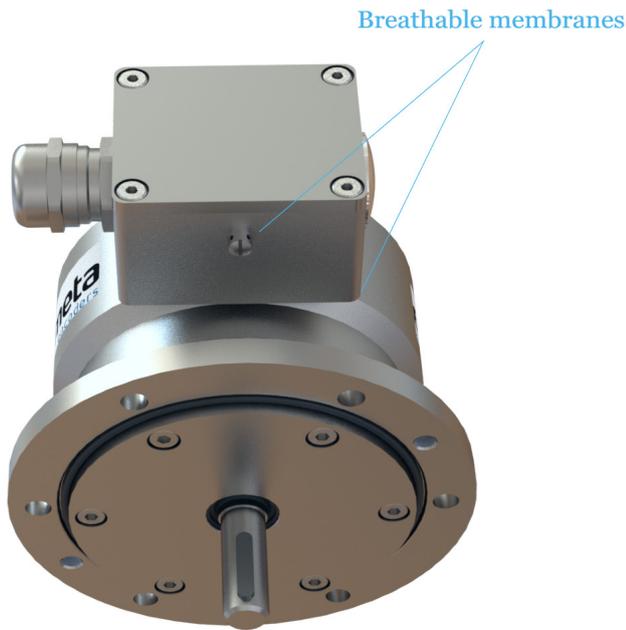
Heavy Duty Incremental Encoder

Double Shaft-Seal

Through extensive research and development the MA4101 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



MA4101 with Terminal Box



MA4101 with 12-pin M23 Male Connector

MA4101

Heavy Duty Incremental Encoder

Breathable Membrane Filter

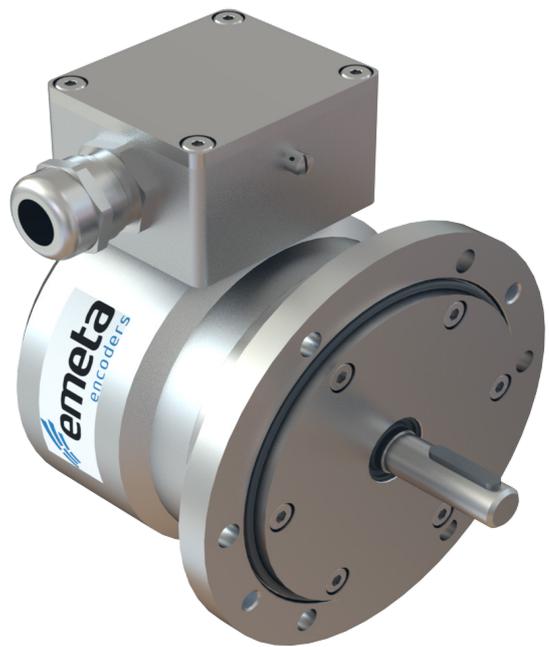
Located on the terminal box in the housing under a ventilated screw and under the bottom of the terminal box the membrane filters acts as a vent, allowing airflow and at the same time prevents condensation due to fluctuations in temperature. The membrane filters are incorporated in all of Emetas terminal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



MA4101 with Radial Cable (Option B)



MA4101 with Terminal Box (Option C)

MA4101

Heavy Duty Incremental Encoder

Connections

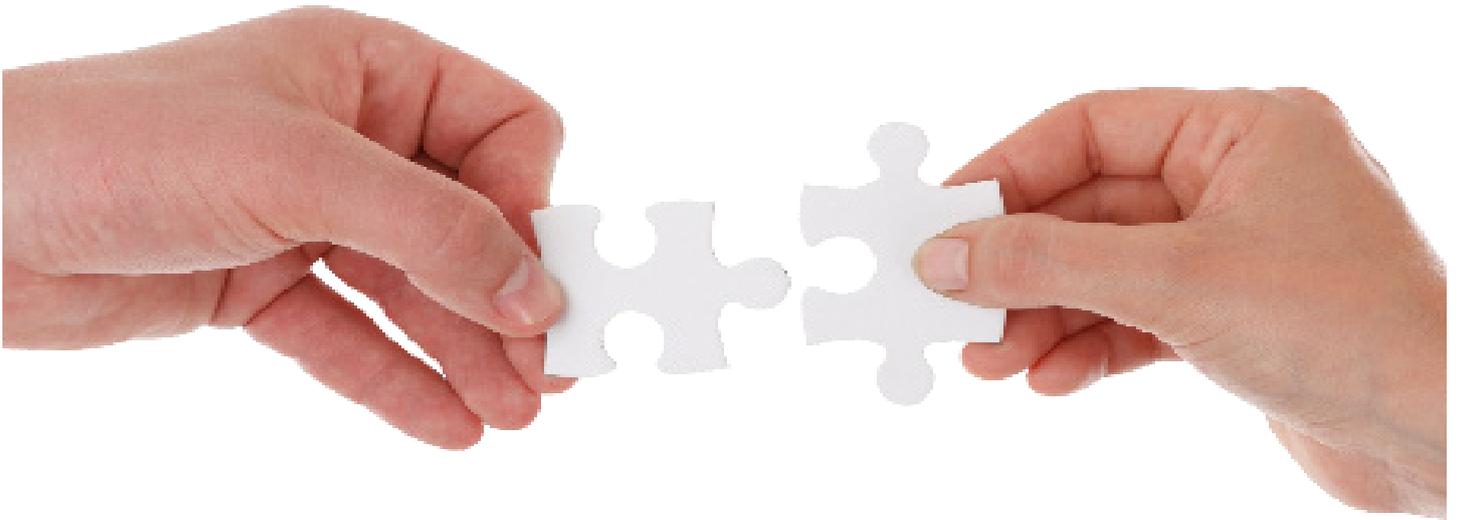
The MA4101-Series can be supplied with 3 types of connections suitable for your application type.

A- Radial 12-pin M23 Male Connector, CCW

B- Radial cable with required length

C- Terminal box with cable gland for $\phi 6\text{-}\phi 12\text{mm}$

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

Skogsvägen 1
645 34 Strängnäs
SWEDEN

+46(0)152-33 11 90
info@emetaencoders.com