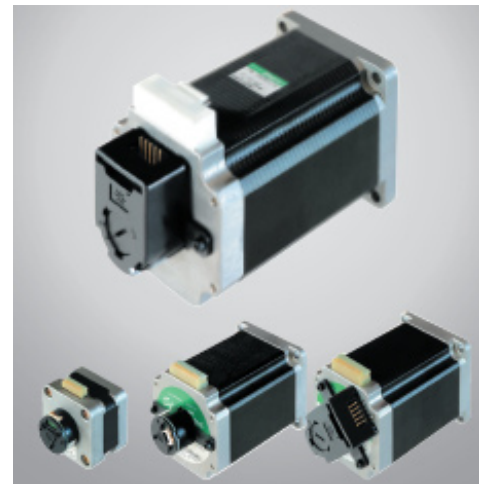


SANMOTION

New Product Information

Stepping Motor with Encoder

SANYO DENKI EUROPE SA. is pleased to introduce their «SANMOTION» Stepping Motor with Encoder product range. Thanks to precise encoder feedback, this range is particularly designed for safety requirements of demanding applications such as medical applications, robotics, textile, communication and semiconductor industries.



Based on 2-Phase and 5-Phase High Torque Hybrid stepping motors, this product range offer high torque with precise encoder feedback in compact size.

Main Features :

1) Stepping motors :

Square frame size : 42, 56 and 60 mm available in various lengths

Holding torque : 0.26 up to 2.7 Nm

Current per phase : 0.48 up to 4 A

Connection : Unipolar, Bipolar and Pentagon

Many motor types are available in order to meet the torque and speed required by your application.

2) Optical Encoders :

3 types of incremental optical encoders can be selected to provide digital quadrature encoder feedback of motor position as well as stall detection. These are the

S type TTL compatible encoder,
the **L type** Line Driver encoder,
and the **R type** cost effective encoder.

The encoders are available in 200, 400 or 500 counts per revolution, 2 or 3 channels with or without complementary outputs depending on which type. They have a very compact design, a very small mass, and can be fast and simple mounted.

Full stepper motor electrical specifications, dynamic performance information and technical drawings are featured for each motor frame size (42, 56 and 60mm). User's catalogue also benefit from a simple guide to part numbers together with quick reference guide.

Target Applications :

Medical applications, Dosing systems, Analyser, Pipettor, Incubator, Syringe crimper, Mammography, Robotics, Textile, Communication and Semiconductor industries.

For further information on Sanyo Denki **Stepping Motor With Encoder**, please contact us at **+33 1 48 63 26 61** or email us at **info@sanyodenki.eu**.

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