# SM4247 with SMD-1.6mini IP65



#### Inputs STEP, DIR, ENABLE

• High voltage level: 5 - 24 VDC

• Low voltage level: 0 - 1 VDC

## STEPPER MOTOR WITH INTEGRATED CONTROLLER

Stepper motor SM4247 with integrated driver SMD-1.6mini with protection class IP65 is designed to perform positioning tasks in an environment with a high microstepping. The drive is a ready to work assembly, which provides smooth running, high dynamics and precise positioning.

#### **Technical parameters**

| Voltage          | 12 - 24 VDC     |
|------------------|-----------------|
| Size             | 42 mm (NEMA 17) |
| Holding torque   | 4.4 kgf*cm      |
| Protection class | IP65            |
| Microstepping    | 1/11/256        |
| Control method   | STEP/DIR        |

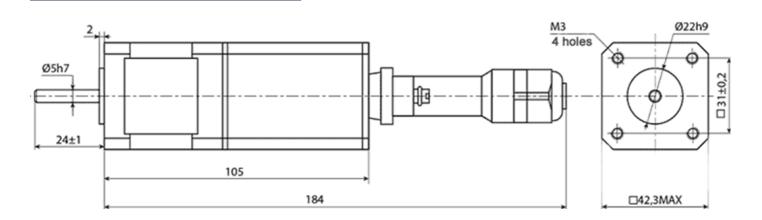
### Motor parameters

• Step angle: 1.8°

Resistance per phase: 1.65 OhmInductance per phase: 2.8mH

Rotor inertia: 68 gcm²

#### **Dimensions**



**Address**: Tallinn Sclence Park Tehnopol, Akadeemia tee 21/6, 12618, Tallinn, Estonia

Phone: +372 6559914 E-mail: sale@smd.ee

