



## R88M-1M10030H-S2

1S AC servo motor, 100 W, 230 VAC, 3000 rpm, 0.318 Nm, incremental encoder

# Specifications

|                           |                    |
|---------------------------|--------------------|
| Servo control method      | EtherCAT           |
| Drive supply voltage      | 230 V single phase |
| Rated output              | 0.1 kW             |
| Rated speed               | 3000 r/min         |
| Rated torque              | 0.318 Nm           |
| Peak torque               | 1.11 Nm            |
| Encoder type              | Incremental        |
| Encoder resolution        | 23 Bit             |
| Motor with brake          | ✘                  |
| Motor with oil seal       | ✘                  |
| Flange size square (LC)   | 40 mm              |
| Shaft diameter            | 8 mm               |
| Shaft with key            | ✔                  |
| Shaft with tap            | ✔                  |
| Product Weight (unpacked) | 470 g              |



## R88D-1SN01H-ECT

1S servo drive, EtherCAT type, 100 W, 1~ 230 VAC

## Accessories



R88A-CA1A001-5SF-E

1S series servo motor power cable, 1.5 m, 230 V: 100 to 750 W



R88A-CA1A003SF-E

1S series servo motor power cable, 3 m, 230 V: 100 to 750 W



R88A-CA1A005SF-E

1S series servo motor power cable, 5 m, 230 V: 100 to 750 W



R88A-CA1A010SF-E

1S series servo motor power cable, 10 m, 230 V: 100 to 750 W



R88A-CA1A015SF-E

1S series servo motor power cable, 15 m, 230 V: 100 to 750 W



R88A-CA1A020SF-E

1S series servo motor power cable, 20 m, 230 V: 100 to 750 W



R88A-CR1A001-5CF-E

1S series servo encoder cable, 1.5m, 230V: 50-750W

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**R88A-CR1A003CF-E**

1S series servo encoder cable, 3m, 230V: 50-750W



**R88A-CR1A005CF-E**

1S series servo encoder cable, 5m, 230V: 50-750W



**R88A-CR1A010CF-E**

1S series servo encoder cable, 10m, 230V: 50-750W



**R88A-CR1A015CF-E**

1S series servo encoder cable, 15m, 230V: 50-750W



**R88A-CR1A020CF-E**

1S series servo encoder cable, 20m, 230V: 50-750W



**R88A-SC011S-E**

1S series cable clamp A. Used in 230 V drives up to 750 W

## CAD Library



### 1S Series Users Manual

EN PDF 22.5 MB



### 1S Series - Expanded with high capacity range: 4 - 15 kW Flyer

EN PDF 1.64 MB



### 1S Series Incremental Encoder Type Users Manual

EN PDF 6.34 MB



### 1S Series Multi-axis Setup and Tuning Getting Started Guide

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### 1S Servo System Brochure

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### 1S-series Servos Instruction Manual

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### Motor Sizing Tool Operation Manual

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### Using R88A-CA1G power cables Technical Information

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