

# Product datasheet

Specifications



servo motor BCH16 encoder cable,  
2\*0.5 + 3\*2\*0.2, 1.5M, shielded, MIL

VW3M8A21RA5

## Main

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Range of product                      | Lexium                            |
| Accessory / separate part category    | Connection accessory              |
| Accessory / separate part type        | Encoder cable                     |
| Product or component type             | Cable                             |
| Accessory / separate part destination | From servo motor to servo drive   |
| Cable composition                     | 3 x (2 x 0.2 mm²) + (2 x 0.5 mm²) |

## Complementary

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product compatibility | Servo motor BCH16 130 mm, 0.85 kW, with brake<br>Servo motor BCH16 130 mm, 0.85 kW, without brake<br>Servo motor BCH16 100 mm, 1 kW, with brake<br>Servo motor BCH16 100 mm, 1 kW, without brake<br>Servo motor BCH16 130 mm, 1 kW, with brake<br>Servo motor BCH16 130 mm, 1 kW, without brake<br>Servo motor BCH16 130 mm, 1.5 kW, with brake<br>Servo motor BCH16 130 mm, 1.5 kW, without brake<br>Motion servo drive LXM16D, 1 kW, 200...230 V<br>Motion servo drive LXM16D, 1.5 kW, 200...230 V |
| Electrical connection | 1 connector 9-pole MIL connector 9 pin(s)<br>1 connector Firewire 10 pin(s)                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Range compatibility   | Easy Lexium 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Type of cable         | Shielded cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cable length          | 1.5 m                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Net weight            | 0.18 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Packing Units

|                              |         |
|------------------------------|---------|
| Unit Type of Package 1       | PCE     |
| Number of Units in Package 1 | 1       |
| Package 1 Height             | 25.0 cm |
| Package 1 Width              | 35.0 cm |
| Package 1 Length             | 3.0 cm  |
| Package 1 Weight             | 253.0 g |
| Unit Type of Package 2       | S03     |
| Number of Units in Package 2 | 10      |
| Package 2 Height             | 30.0 cm |
| Package 2 Width              | 30.0 cm |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                  |          |
|------------------|----------|
| Package 2 Length | 40.0 cm  |
| Package 2 Weight | 2.971 kg |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

### Use Better

| Materials and Substances               |                                   |
|----------------------------------------|-----------------------------------|
| Packaging made with recycled cardboard | No                                |
| Packaging without single use plastic   | No                                |
| <a href="#">EU RoHS Directive</a>      | Compliant                         |
| REACH Regulation                       | <a href="#">REACH Declaration</a> |

### Use Longer

| Lifetime extension |    |
|--------------------|----|
| Repair             | No |

### Use Again

| Repack and remanufacture |                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Take-back                | No                                                                                                                                                                                                              |
| WEEE Label               |  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |