

Product datasheet

Specifications



servo motor BCH16 encoder cable,
2*0.5 + 3*2*0.2, 20M, shielded, MIL

VW3M8A21R20

⚠ Discontinued on: 12 Sept 2025

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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 mm ²) + (2 x 0.5 mm ²)

Complementary

Product compatibility	Servo motor BCH16 130 mm, 0.85 kW, with brake Servo motor BCH16 130 mm, 0.85 kW, without brake Servo motor BCH16 100 mm, 1 kW, with brake Servo motor BCH16 100 mm, 1 kW, without brake Servo motor BCH16 130 mm, 1 kW, with brake Servo motor BCH16 130 mm, 1 kW, without brake Servo motor BCH16 130 mm, 1.5 kW, with brake Servo motor BCH16 130 mm, 1.5 kW, without brake Motion servo drive LXM16D, 1 kW, 200...230 V Motion servo drive LXM16D, 1.5 kW, 200...230 V
Electrical connection	1 connector 9-pole MIL connector 9 pin(s) 1 connector Firewire 10 pin(s)
Range compatibility	Easy Lexium 16
Type of cable	Shielded cable
Cable length	20 m
Net weight	1.75 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	36.0 cm
Package 1 Width	27.0 cm
Package 1 Length	8.5 cm
Package 1 Weight	1.707 kg
Unit Type of Package 2	S04
Number of Units in Package 2	4
Package 2 Height	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 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	7.588 kg

Contractual warranty

Warranty (in months)	18
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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
EU RoHS Directive	Under investigation
REACH Regulation	REACH Declaration

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No