

Product datasheet

Specifications



encoder interface card with RS422 compatible differential output - 5 V DC

VW3A3E401

Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61 Plus Altivar 71 Plus
Discrete output type	Differential
Communication port protocol	RS422
[Us] rated supply voltage	5 V DC (voltage limits: 5...5.5 V)
Number of pulses per revolution	10000 5000

Complementary

Maximum supply current	0.2 A
Protection type	Overload protection Short-circuit protection
Maximum cable distance between devices	50 m
Maximum operating frequency	300 kHz
Input signal	A B Compliment of A Compliment of B
Input impedance	440 Ohm
Electrical connection	Terminal, connection capacity: 0.2 mm² (AWG 24) <25 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 200 mA at 4.5 V Terminal, connection capacity: 0.5 mm² (AWG 20) <50 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 200 mA at 4.5 V
Net weight	0.2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	17.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	152.0 g

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

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 Longer

Lifetime extension	
Repair	No