

# Product data sheet

## Characteristics

# VW3A3E406

## encoder interface card with push-pull output - 15 V DC

EAN Code: 3389118322011

### Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 71 Plus Altivar 61 Plus
Discrete output type	Push-pull
[Us] rated supply voltage	15 V DC (voltage limits: 15...16 V)
Number of pulses per revolution	10000 5000

### Complementary

Maximum supply current	0.175 A
Protection type	Overload protection Short-circuit protection
Maximum cable distance between devices	500 m
Maximum operating frequency	300 kHz
Input signal	A B Compliment of A Compliment of B/AB/A
Input impedance	1 kOhm
Voltage state 0 guaranteed	<= 1.5 V
Voltage state 1 guaranteed	> 7.7...< 16 V
Electrical connection	Terminal, connection capacity: 0.2 mm <sup>2</sup> (AWG 24) <100 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.2 mm <sup>2</sup> (AWG 24) <100 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 0.2 mm <sup>2</sup> (AWG 24) <200 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.2 mm <sup>2</sup> (AWG 24) <200 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 0.5 mm <sup>2</sup> (AWG 20) <500 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.5 mm <sup>2</sup> (AWG 20) <500 m cable length, encoder, 175 mA at 10 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	23.0 cm
Package 1 Weight	169.0 g

### Contractual warranty

Warranty	18 months
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