

universal encoder interface card, Altivar, 5 to 12V, 0.2A



VW3A3409

Main

range of product	Altivar	
product or component type	Encoder interface card	
Range compatibility	Altivar 71	
	Altivar 71Q	
	Altivar Lift	
Encoder type	SinCos Hiperface	
	EnDat 2.2	
	SSI	
[Us] rated supply voltage	5 V (voltage limits: 55.5 V)	
	8 V (voltage limits: 88.5 V)	
	12 V (voltage limits: 1212.5 V)	

Complementary

Product compatibility	ATV71HM3383 ATV71HM3X383 ATV71HN4383
Maximum supply current	0.2 A
Protection type	Short-circuit protection Overload protection
Maximum cable distance between devices	50 m
Speed feedback resolution	2exp(13) maximum
Clock frequency	500 kHz fixed
Output type	SinCos 10000 lines maximum EnDat 2.1 25 bits maximum SSI Gray or binary with no, odd or even parity, configurable SinCos Hiperface 10000 lines maximum

Electrical connection	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 7.75 V
	Terminal, connection capacity: 0.5 mm² (AWG 20) <25 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 4.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 7.75 V
	Terminal, connection capacity: 0.75 mm² (AWG 18) <50 m cable length, encoder, 100 mA at 14.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 4.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 7.75 V
	Terminal, connection capacity: 1 mm² (AWG 17) <25 m cable length, encoder, 200 mA at 14.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 4.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 7.75 V
	Terminal, connection capacity: 1.5 mm² (AWG 15) <50 m cable length, encoder, 200 mA at 14.75 V
net weight	0.2 kg

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.000 cm
Package 1 Width	17.000 cm
Package 1 Length	23.500 cm
Package 1 Weight	156.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	1.566 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations