



### 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 5...5.5 V) 8 V 8...8.5 V) 12 V 12...12.5 V)

### Complementary

Product compatibility	ATV71H...M3383 ATV71H...M3X383 ATV71H...N4383
Maximum supply current	0.2 A
Protection type	Short-circuit protection Overload protection
Maximum cable distance between devices	164.04 ft (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 0.5 mm <sup>2</sup> AWG 20) <82.02 ft (25 m), encoder, 100 mA 4.75 V Terminal 0.5 mm <sup>2</sup> AWG 20) <82.02 ft (25 m), encoder, 100 mA 7.75 V Terminal 0.5 mm <sup>2</sup> AWG 20) <82.02 ft (25 m), encoder, 100 mA 14.75 V Terminal 0.75 mm <sup>2</sup> AWG 18) <164.04 ft (50 m), encoder, 100 mA 4.75 V Terminal 0.75 mm <sup>2</sup> AWG 18) <164.04 ft (50 m), encoder, 100 mA 7.75 V Terminal 0.75 mm <sup>2</sup> AWG 18) <164.04 ft (50 m), encoder, 100 mA 14.75 V Terminal 1 mm <sup>2</sup> AWG 17) <82.02 ft (25 m), encoder, 200 mA 4.75 V Terminal 1 mm <sup>2</sup> AWG 17) <82.02 ft (25 m), encoder, 200 mA 7.75 V Terminal 1 mm <sup>2</sup> AWG 17) <82.02 ft (25 m), encoder, 200 mA 14.75 V Terminal 1.5 mm <sup>2</sup> AWG 15) <164.04 ft (50 m), encoder, 200 mA 4.75 V

Terminal 1.5 mm<sup>2</sup> AWG 15) <164.04 ft (50 m), encoder, 200 mA 7.75 V  
Terminal 1.5 mm<sup>2</sup> AWG 15) <164.04 ft (50 m), encoder, 200 mA 14.75 V

Net weight	0.44 lb(US) (0.2 kg)
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### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	6.10 oz (173 g)
Package 1 Height	2.83 in (7.2 cm)
Package 1 width	6.89 in (17.5 cm)
Package 1 Length	9.25 in (23.5 cm)

### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

### Contractual warranty

Warranty	18 months
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