



### Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61 Altivar 71Q Altivar 71 Altivar 61Q Altivar Lift
Discrete output type	Push-pull
[Us] rated supply voltage	15 V DC (voltage limits: 15...16 V)
Number of pulses per revolution	10000 for ATV71H.....383 5000 for all ATV61 drives 5000 for ATV71H...M3 5000 for ATV71H...M3X 5000 for ATV71H...N4

### Complementary

Maximum supply current	0.175 A
Protection type	Short-circuit protection Overload 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 Weight	149 g
Package 1 Height	7 cm
Package 1 width	17 cm
Package 1 Length	23 cm
Unit Type of Package 2	S03
Number of Units in Package 2	7

Package 2 Weight	1.55 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

### Offer Sustainability

Sustainable offer status	Green Premium product
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>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Contractual warranty

Warranty	18 months
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