



### Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61Q Altivar Lift Altivar 71 Altivar 71Q Altivar 61
Discrete output type	Push-pull
[Us] rated supply voltage	12 V DC (voltage limits: 12...13 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...< 13 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: 0.5 mm <sup>2</sup> (AWG 20) <100 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 0.5 mm <sup>2</sup> (AWG 20) <200 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 0.75 mm <sup>2</sup> (AWG 18) <200 m cable length, encoder, 175 mA at 10 V Terminal, connection capacity: 1 mm <sup>2</sup> (AWG 17) <500 m cable length, encoder, 100 mA at 10 V Terminal, connection capacity: 1.5 mm <sup>2</sup> (AWG 15) <500 m cable length, encoder, 175 mA at 10 V
Net weight	0.2 kg

### Packing Units

Package 1 Weight	0.158 kg
Package 1 Height	0.700 dm
Package 1 width	1.700 dm
Package 1 Length	2.300 dm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## 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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