



Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar Lift Altivar 61 Altivar 71Q Altivar 71 Altivar 61Q
Discrete output type	Differential
Communication port protocol	RS422
[Us] rated supply voltage	5 V DC (voltage limits: 5...5.5 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	0.2 A
Protection type	Short-circuit protection Overload protection
Maximum cable distance between devices	50 m
Maximum operating frequency	300 kHz
Input signal	A B Compliment of A Compliment of B
Input impedance	440 Ohm
Electrical connection	Terminal, connection capacity: 0.2 mm ² (AWG 24) <25 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <25 m cable length, encoder, 200 mA at 4.5 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <50 m cable length, encoder, 100 mA at 4.5 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <50 m cable length, encoder, 200 mA at 4.5 V
Net weight	0.2 kg

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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[EU RoHS Declaration](#)

Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration

Contractual warranty

Warranty	18 months
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