



### Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61 Altivar 71 Altivar Lift Altivar 61Q Altivar 71Q Altivar Process Modular
Discrete output type	Open collector
[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

Supply current	<= 0.175 A
Protection type	Overload protection Short-circuit protection
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
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
Product weight	0.44 lb(US) (0.2 kg)

### Environment

#### Offer Sustainability

WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.	Bisphenol A (BPA), which is known to the State of California to cause birth defects or other reproductive harm.
For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

#### Contractual warranty

Warranty period	18 months
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