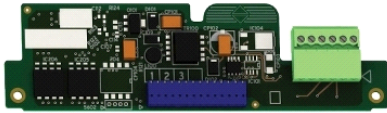


## VW3A3401

encoder interface card with RS422 compatible  
differential outputs - 5 V DC



### Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 61 Altivar 71 Altivar Lift Altivar 61Q Altivar 71Q
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

Supply current	<= 0.2 A
Protection type	Overload protection Short-circuit protection
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 <sup>2</sup> (AWG 24) <= 25 m cable length (encoder 100 mA) at 4.5 V Terminal, connection capacity: 0.5 mm <sup>2</sup> (AWG 20) <= 25 m cable length (encoder 200 mA) at 4.5 V Terminal, connection capacity: 0.5 mm <sup>2</sup> (AWG 20) <= 50 m cable length (encoder 100 mA) at 4.5 V Terminal, connection capacity: 0.75 mm <sup>2</sup> (AWG 18) <= 50 m cable length (encoder 200 mA) at 4.5 V
Product weight	0.2 kg

### Environment