



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	Push-pull
[Us] rated supply voltage	12 V DC (voltage limits: 12...13 V)
Number of pulses per revolution	<= 5000 for ATV71H...N4 <= 5000 for ATV71H...M3X <= 5000 for ATV71H...M3 <= 5000 for all ATV61 drives <= 10000 for ATV71H.....383

Complementary

Supply current	<= 0.175 A
Protection type	Overload protection Short-circuit protection
Cable length	<= 500 m
Maximum operating frequency	300 kHz
Input signal	Compliment of B/AB/A Compliment of A B 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: 1.5 mm ² (AWG 15) <= 500 m cable length (encoder consumption of 175 mA) at 10 V Terminal, connection capacity: 1 mm ² (AWG 17) <= 500 m cable length (encoder consumption of 100 mA) at 10 V Terminal, connection capacity: 0.75 mm ² (AWG 18) <= 200 m cable length (encoder consumption of 175 mA) at 10 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <= 200 m cable length (encoder consumption of 100 mA) at 10 V Terminal, connection capacity: 0.5 mm ² (AWG 20) <= 100 m cable length (encoder consumption of 175 mA) at 10 V Terminal, connection capacity: 0.2 mm ² (AWG 24) <= 100 m cable length (encoder consumption of 100 mA) at 10 V
Product weight	0.2 kg