



Main

Range of product	Altivar
Product or component type	Encoder interface card
Range compatibility	Altivar 71 Altivar Lift Altivar 71Q
Encoder type	SSI EnDat 2.2 SinCos Hiperface
[Us] rated supply voltage	12 V (voltage limits: 12...12.5 V) 8 V (voltage limits: 8...8.5 V) 5 V (voltage limits: 5...5.5 V)

Complementary

Product compatibility	ATV71H...N4383 ATV71H...M3X383 ATV71H...M3383
Supply current	≤ 0.2 A
Protection type	Overload protection Short-circuit protection
Cable length	≤ 50 m
Speed feedback resolution	$2^{\exp(13)}$ maximum
Clock frequency	500 kHz fixed
Output type	EnDat 2.1 25 bits maximum SinCos 10000 lines maximum SinCos Hiperface 10000 lines maximum SSI Gray or binary with no, odd or even parity, configurable
Electrical connection	Terminal, connection capacity: 1.5 mm ² (AWG 15) ≤ 50 m cable length (encoder consumption of 200 mA) at 14.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) ≤ 50 m cable length (encoder consumption of 200 mA) at 7.75 V Terminal, connection capacity: 1.5 mm ² (AWG 15) ≤ 50 m cable length (encoder consumption of 200 mA) at 4.75 V Terminal, connection capacity: 1 mm ² (AWG 17) ≤ 25 m cable length (encoder consumption of 200 mA) at 14.75 V Terminal, connection capacity: 1 mm ² (AWG 17) ≤ 25 m cable length (encoder consumption of 200 mA) at 7.75 V Terminal, connection capacity: 1 mm ² (AWG 17) ≤ 25 m cable length (encoder consumption of 200 mA) at 4.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) ≤ 50 m cable length (encoder consumption of 100 mA) at 14.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) ≤ 50 m cable length (encoder consumption of 100 mA) at 7.75 V Terminal, connection capacity: 0.75 mm ² (AWG 18) ≤ 50 m cable length (encoder consumption of 100 mA) at 4.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) ≤ 25 m cable length (encoder consumption of 100 mA) at 14.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) ≤ 25 m cable length (encoder consumption of 100 mA) at 7.75 V Terminal, connection capacity: 0.5 mm ² (AWG 20) ≤ 25 m cable length (encoder consumption of 100 mA) at 4.75 V
Product weight	0.2 kg