



Main

Range of product	Altivar
Product or component type	Digital encoder interface module
Range compatibility	Altivar Process ATV900
Encoder type	EnDat 2.2 A/B/I incremental (XCC1 type R) A/B/I incremental (XCC1 type X) SSI absolute encoder (XCC2 type SG) SSI absolute encoder (XCC3 type SB)
[Us] rated supply voltage	5 V DC (voltage limits: 4.75...5.25 V) 12 V DC (voltage limits: 11.4...12.6 V) 24 V DC (voltage limits: 22.8...25.2 V)

Complementary

Supply current	<= 0.25 A (5 V DC) <= 0.1 A (12 V DC) <= 0.05 A (24 V DC)
Protection type	Overload protection Short-circuit protection
Cable length	<= 100 m (A/B/I) <= 50 m (SSI) <= 100 m (SSI) at 300 kHz <= 50 m (EnDat 2.2) <= 100 m (EnDat 2.2) with propagation delay compensation
Maximum operating frequency	1000 kHz
Input signal	Data+, Data- (EnDat 2.2) Data+, Data- (SSI) Temp+, Temp- A+,A-/B+,B-/I+,I- (A/B/I)
Input impedance	121 Ohm
Output signal	Clock+, Clock- (SSI) Data+, Data-, Clock+, Clock- (EnDat 2.2)
Type of connector	1 female high density SUB-D 15
Product weight	0.15 kg