



Main

Range of product	Altivar
Product or component type	Digital encoder interface module
Range compatibility	Altivar Process ATV900 Altivar Process Modular Altivar Machine ATV340
Communication port protocol	RS422
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

Maximum supply current	0.25 A at 5 V DC 0.1 A at 12 V DC 0.05 A at 24 V DC
Protection type	Short-circuit protection Overload protection
Maximum cable distance between devices	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) TTL
Input impedance	121 Ohm
Output signal	Clock+, Clock- (SSI) Data+, Data-, Clock+, Clock- (EnDat 2.2)
Connector type	1 female high density SUB-D 15
Net weight	0.15 kg

Packing Units

Package 1 Weight	0.150 kg
Package 1 Height	0.700 dm
Package 1 width	1.300 dm
Package 1 Length	1.900 dm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
PVC free	Yes