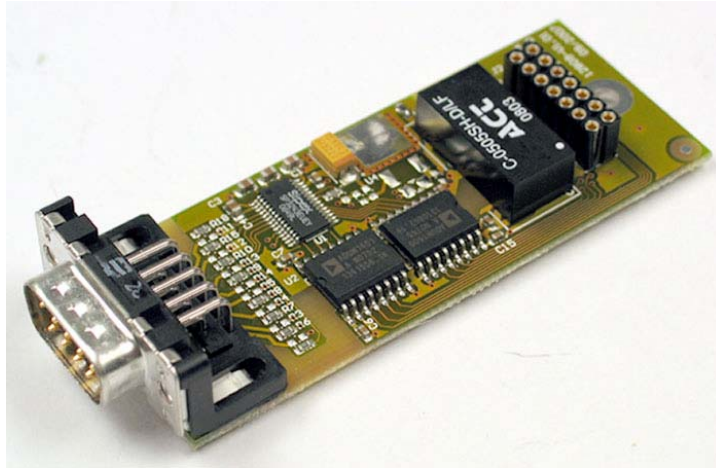


1 Product info RS232 interface module, galvanic isolated



Please pay attention to the information on the last page of this product information.

Fig. 1 RS232 Interface module, galvanic isolated



noax part nr.:	12873
Description:	RS232 module, galv. iso., instead of RS232 (N6/N8)

1.1 Technical specification

noax part nr.:	12873
Communication speed:	max. 115,2 kBaud
Isolation voltage:	min. 1kV
Input resistance:	typ. 5kOhm
Input voltage:	max. +/- 15V
Output voltage:	typ. +/- 6V
Short-circuit current:	typ. +/- 35mA
Cable capacity:	max. 8,0 nF
Temperature range:	-30°C – +70°C

1.2 Connector pinout



All interface signals (incl. GND) are galvanic isolated from the enclosure ground and the power supply voltages on the mainboard. Please pay attention to the safety informations.

DSUB connector, male, 9pol. – front view	Pin	Signal	Type
	1	DCD (Data Carrier Detect)	In
	2	RxD (Receive Data)	In
	3	TxD (Transmit Data)	Out
	4	DTR (Data Terminal Ready)	Out
	5	GND (Ground)	–
	6	DSR (Dataset Ready)	In
	7	RTS (Request To Send)	Out
	8	CTS (Clear To Send)	In
	9	RI (Ring Indicator)	In

1.3 Important information



Pay attention to the pin assignment.

Because of the galvanic isolation no interface signals (incl. GND) should have contact to the connector shield or the enclosure ground.

This will ruin the galvanic isolation!

Usually the shield of the attached cable will not be connected or will be open on the isolated end of the cable.



No power supply via the interface module

Because of the galvanic isolation there is no power supply for external devices available via the interface module.