

CC104-2I4

RS232 to Isolator RS422 / 485

Introduction:

CC104-2I4 Provide RS232 signal level transfer to 1 port Isolator RS422 / 485 signal level

Data rate: 250 kbps (speed depends on Host)

Transmit Output Current 25mA

Receive Output Current 25mA

Isolator Spec:

Isolated RS-485 / RS-422 transceiver, configurable as half or full duplex

isoPower integrated, isolated dc-to-dc converter

±15 kV ESD protection on RS-485 input / output pins

Complies with ANSI / TIA / EIA-485-A-98 and ISO 8482: 1987(E)

Connect up to 256 nodes on one bus

Open- and short-circuit, fail-safe receiver inputs

High common-mode transient immunity: >25 kV/μs

Thermal shutdown protection

Safety and regulatory approvals

UL recognition: 2500 V rms for 1 minute per UL 1577

VDE Certificates of Conformity

DIN EN 60747-5-2 (VDE 0884 Part 2): 2003-01

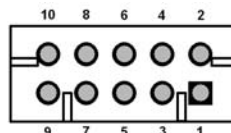
VIORM = 560 V peak

Top

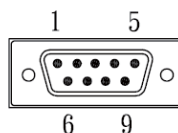


Features:

- Input (RS232 mode)



- Output (DB9)



RS485

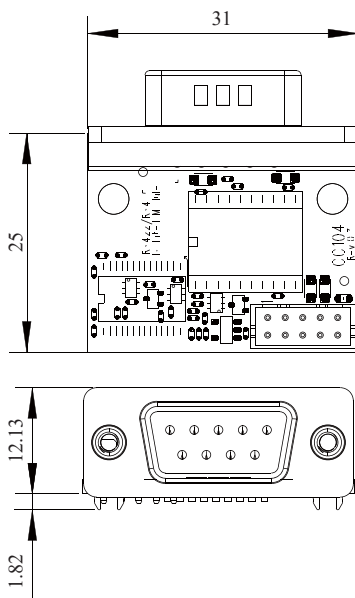
PIN NO	DESCRIPTION	PIN NO	DESCRIPTION
1	NC	2	RXD+
3	TXD+	4	DTR+
5	GND	6	NC
7	RTS+	8	NC
9	NC	10	+5V

RS422

PIN NO	DESCRIPTION	PIN NO	DESCRIPTION
1	NC	2	RXD+
3	TXD+	4	DTR+
5	GND	6	NC
7	RTS+	8	NC
9	NC	10	+5V

PIN NO	DESCRIPTION	PIN NO	DESCRIPTION
1	NC	2	RXD+
3	TXD+	4	DTR+
5	GND	6	NC
7	RTS+	8	NC
9	NC	10	+5V

Mechanical Drawing:



Specification:

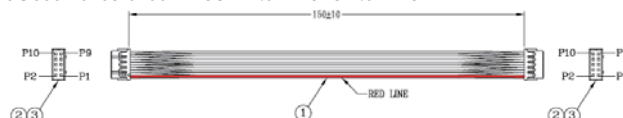
Type	RS232 to isolator RS422 / RS485
Input	2.0mm, 2 x 5 pin
Output port	D type 9 pin
Operating Temperature	-40°C ~ +85°C
Dimensions	31 x 25 mm

Ordering Information:

CC104-2I4: 7G5905-2201001-0 CC104-2I4-001

Cable Information:

6G6001-0105-0100 L=15cm 2.0 2 x 5 to 2.0 2 x 5



Specification are subject to change without prior notice. ODM / OEM is available.

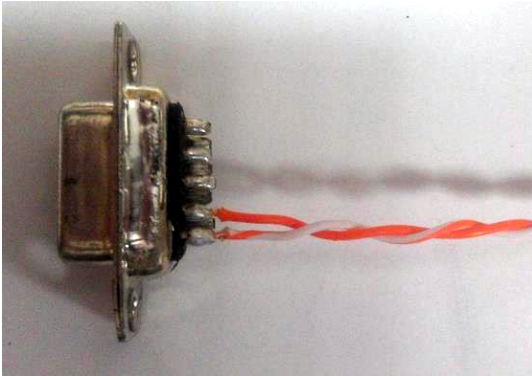
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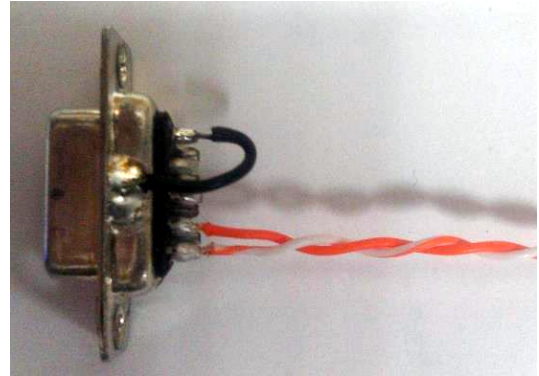
■ Galvanic isolation note:

Do not connect ISO GND to the DSUB connector housing, otherwise you will remove the galvanic isolation.

RS485

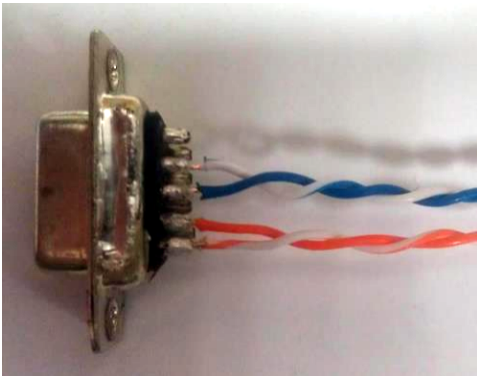


OK

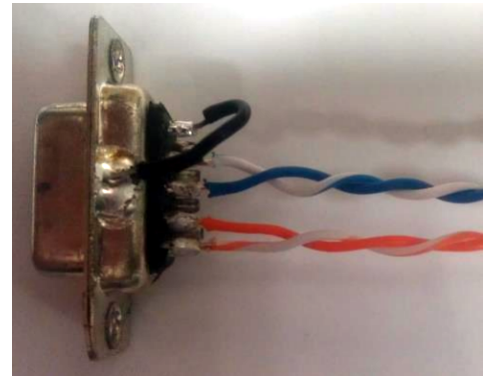


Not OK

RS422



OK



Not OK