

## Allocation of pins for connectors/sockets

### Signal Input

*(MIL-C-26482 E12-10P)*

	Signal
<b>A</b>	Ch1 Signal Input+
<b>B</b>	Ch1 Signal Input -
<b>C</b>	Ch2 Signal Input+
<b>D</b>	Ch2 Signal Input -
<b>E</b>	Ch3 Signal Input+
<b>F</b>	Ch3 Signal Input -
<b>G</b>	NC
<b>H</b>	NC
<b>K</b>	NC
<b>J</b>	NC

### USB / Terminal / Extern Power

*(MIL-C-26482 E10-7S)*

	Signal	USB Cable	Power Cable	Terminal
<b>A</b>	USB +5V	Rt		
<b>B</b>	USB +D	gn		
<b>C</b>	USB -D	ws		
<b>D</b>	Ground	sw	Ground	Ground
<b>E</b>	Terminal TX 3.3V			or
<b>F</b>	Terminal RX 3.3V			ye
<b>G</b>	Ext PWR DC 5-24V		PWR 5-24V=	

**!!! All pins are not protected against overvoltage !!!**

**!!! Terminal is low level RS 232. Do not connect directly to PC RS232 !!!**

**!!! Wiring failure can burn the electronic !!!**

Signal

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Channels 2 and 3 dosen't exist for DATA\_CUBE<sup>1</sup>

## USB Cable

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Via the USB cable the data are downloaded from the SDHC card of the DATA-CUBE. The DATA-CUBE is mounted while connected to a PC as an additional drive

## Power Cable

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Input for an external power supply. The range of voltage is limited to 5-24 V. The input is protected against voltage reversal. While usage of an external power supply remove internal batteries from battery box.

## Terminal/Monitor

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This port is for diagnostics (maintenance/repair) as well as firmware update. Moreover it can be used to display data in real time. The needed program can be provided by Omnirecs.

**Attention: it is strictly recommended to use the cable FTDI TTL-232R-3V3 only.**

(You can order it via Omnirecs)