

5.2. Передатчик, данные по стандарту RS-232C

КОМПЬЮТЕР	БЕСКА	Исполн-	обозначе-	Функция	Примечание
Знаение	Име	ние			
1	RS	FG	Имя корпуса		
2	RS	TXD	Выход данных		
3	RS	RXD	Вход данных		
4	RS	RTS	Внутреннее соединение с CTS		
5	RS	CTS	Внутреннее соединение с RTS		
6	RS	DSR	Управление потоком (принес)		
7	RS	SG	Имя сигнала		
8	NC	NC	Пустой		
9	NC	TARE	Внешнее кода TARE		на zero
10	NC	NC	Пустой		
11	NC	NC	Пустой		
12	NC	OPERATE	Выход при вешивании		
13	запас	EXT	Удлиненный вход		с под-точ-
14	контроль	OPERATE	Выход при вешивании		
15	NC	NC	Пустой		
16	контроль	STAND-BY	Аварийный режим питания		
17	NC	NC	Пустой		
18	контроль	ZERO	Выход при отсутствии груза		OC
19	контроль	HI	Сигнальный выход HI		OC
20	RS	DIR	Управление потоком (прислать)		OC
21	контроль	GO	Выход сигнала ГО		OC
22	NC	NC	Пустой		
23	контроль	IO	Выход сигнала ИАТО		OC
24	NC	NC	Пустой		
25	Ключ	PRINT	Внешняя кода PRINT		на zero

9 Data output RS 232 C

9.1 Technical Data

- 8-bit ASCII code
- Max speed 14.4 kbit/s
- Max baud rate 115.2 kbit/s
- Baud rate selectable for 300, 600, 1200, 2400, 4800 and 9600 Baud
- Miniature plug necessary (9 pin D-Sub)
- For operation with interface faultless operation is ensured only with the respective KEFN-Interface cable (max 2m)

9.2 Pin allocation of the balance ext plug (front view)

5 1

9 6

Pin 2: Receive data

Pin 3: Transmit data

Pin 5: Signal ground

Balance plug

3 (TXD)	1 (RXD)
5 (GND)	3 (GND)
7 - 8 clench	

Balance - PC 8-pole

2 (RXD)	3 (TXD)
3 (TXD) <td>2 (RXD)</td>	2 (RXD)
5 (GND) <td>5 (GND)</td>	5 (GND)
4 - 6 clench <td>4 - 6 clench</td>	4 - 6 clench
7 - 8 clench <td>7 - 8 clench</td>	7 - 8 clench

Balance - PC 25-pole

2 (RXD)	3 (TXD)
3 (TXD) <td>7 (GND)</td>	7 (GND)
5 (GND) <td>4 - 6 clench</td>	4 - 6 clench
7 - 8 clench <td>6 - 20 clench</td>	6 - 20 clench
2 (RXD) <td></td>	

DB25p DTE (PC Side)

DB25s DCE

RS-232 Connector Pinout
DTE (PC Side)
DE-9 Male Connector

Laser / App'l e DIN-5 Pin#	DE-9 Pin#	DB-25 Pin#	RS-232 Name
4	3	2	TXD
2	2	3	RXD
3	5	7	GND
1&5 (nc)	7&8 (nc)	4&5 (nc)	handshake (nc)
1&4&6 (nc)	6&8&20 (nc)		

RS-232 Connector Pinout
DTE (PC Side)
DE-9 Male Connector

Caution:

Before plugging in the connectors, unplug the AC adapter.

Diagram showing the pin connections for the RS232C connector (DIN 5-pin) rear panel. The diagram shows the connector and the internal wiring to the terminal block. The connections are: 1-GND to 1-PG, 2-DTR to 2-RD, 3-TXD to 3-TD, 4-RD to 4-TD, 5-DSR to 5-TST, 6-DSR to 6-SRD, 7-DSR to 7-RST, 8-CTS to 8-RTS, 9-CTS to 9-STD.

Diagram	Type	Description
	Interface type	Voltage interface conforming to EIA RS-232C/DIN 60020 (CO/IT V24V/28)
	Max. cable length	15 m
	Signal level	Output: +5 V ... +15 V (RL = 3 ... 7k) Input: -5 V ... -15 V (RL = 3 ... 7k) +3 V ... +25 V -3 V ... -25 V
	Connector	Sub-D, 9-pin, female
	Opening mode	Full duplex
	Transmission mode	Biserial, asynchronous
	Transmission code	ASCII
	Baud rates	Serial STX, SPX, SX, SX4 balances: 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 (firmware selectable)
	PX4 balances:	1200, 2400, 4800, 9600, 19200, 38400 (firmware selectable)
	Bit parity	7-bit even, 7-bit odd, 7-bit none, 8-bit even (firmware selectable)
	Stop bits	Stop bit 1, 2
	Handshake	None, XON/XOFF, RTS/CTS (selectable)
	End-of-line	Not selectable

10.2 Connection between Balances and Personal Computers

IBM-PC/AT compatible
D-SUB9P

OhausPioneer-PA214C

Kern ALJ-220DN

ShinkoDenshi AJ-620CE