

Terminál OMERO

Dionica Omero HS	yes
ECR-Interface 1.1	yes
ECR-Interface 2.0	yes
ECR-Interf. 2.2 u.2.3	yes
Dionica Omero GSM	no

BULL Ingenico

Bull Ingenico 5100	yes
ECR-Interface 1.1	no
ECR-Int. 2.0 u. 2.2	no
ECR-Interface 2.3	yes
Ingenico 7910 GSM	no

Most important features:

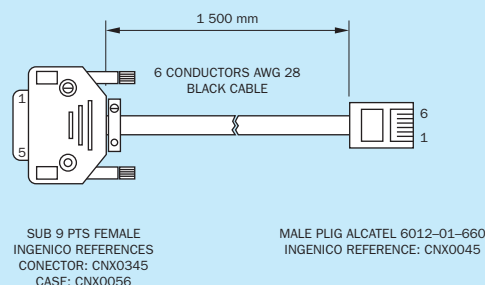
- Document ECR-POS interface
- All types of POS can communicate with the cashregister
- Interconnection through serial interface
- Testing package

ECR-POS-Interface

Nowadays the interconnection of payment terminals with a cash-register system represents a standard requirement as regards the terminal functionality.

Primary reason for interconnecting cash-register and POS was the attempt to limit error rate when details are manually entered into a terminal. However, the details provided by the terminal can be also used for automatic matching of transactions. There is another side-line benefit – shortening the total time of transaction.

To cater for mutual interconnection a serial “ECR POS interface” was developed. It exists in several versions just as new terminal functionalities were gradually added. Version 2.3 is the latest one.

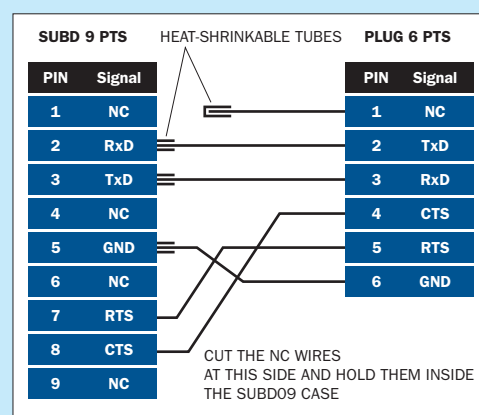


Interconnection between ECR and POS is realised through standard serial interface RS232. Connected can be both the Omero HS terminals as well as Ingenico terminals.

Terminál Omero

RJ 45	Terminal	Direction	PAD (DCE)	25-pin D (male)	9-pin
1	TXD	→	TXD	2	(3)
2	DTR	→	DTR	20	(4)
3	GND		GND	7	(5)
4	-				
5	-				
6	GND	←	GND	(7)	(5)
7	DCD	←	DCD	8	(1)
8	RXD		RXD	3	(2)

Terminál Bull



ČS Support

Documentation that describes communication of the terminal and the cash-register is available to ČS partners upon requests. After studying the documentation it is possible to borrow the testing package, which in addition to terminal and test cards contains also simple communication program.