

1. General

The RS232-KLline Interface 24V is designed for easily connecting to an ISO9141 bus (K and L line) via RS232.



This interface provides the following features:

- 9-pin D-SUB plug (male) to connect to ISO9141 bus (K and L line)
- 9-pin D-SUB plug (female) to connect to e.g. serial port of a PC
- L line control by RS232's DTR line

2. Connectors and Pin Out

2.1. Bus Connector - D-SUB plug (male)

All voltages are referenced to pin ground.

Pin	Symbol	Description	Min	Typ	Max	Unit
1	GND	Ground	0	0	0	V
4	K	K line input/output	-16		VBat + 1	V
8	L	L line input/output	-16		VBat + 1	V
9	VBat	Battery supply	8		28	V

Table 1: Quick reference data

2.2. RS232 Connector - D-SUB plug (female)

A standard 9-pin D-SUB plug to connect the RS232-KLline Interface 24V to serial communication port of e.g. a PC using a standard 1:1 straight cable.

CAUTION: For damage of any kind, arising by the employment of the RS232-KLline Interface 24V, no requirements can be made valid opposite the supplier!

3. Contact

In case there are any questions or hints, please feel free to contact us.

ASiKS-Engineering

Dr. Andreas Schramm

Pointenweg 3

D-94110 Wegscheid

Phone: +49(0) 8165 / 4093868

Handy: +49 (0) 175 / 5478094

Email: <mailto:info@asiks-engineering.com>

Internet: <http://www.asiks-engineering.com>