



Datenblatt - Fiche technique - Data sheet

**12.99.1015**



VALUE RS232 Opto-Koppler, mit galvanischer Trennung, 1 Port

VALUE Optocoupleur RS232, avec isolation galvanique, 1 port

VALUE RS232 Optical Coupler

**Item no.: 12.99.1015**

**VALUE Optical Coupler RS232 to RS232, black color**



## Features:

- With adoption of advanced photoelectric isolation technology
- Offer best protection for RS-232 serial interface devices with elimination of damages caused by power grounding loop voltage, surge, lighting induction, hot plug, etc.
- Application is widely covered, such as point-to point RS-232 communication systems, UNIX multi-user system, monitor control system, satellite receiver, ATM, etc.
- Compliant to EIA RS-232 and CCITT V2.4 asynchronous protocols
- Connectors: 1x DB 9-pin Male, 1x DB 9-pin Female
- Transmission mode: asynchronous, full duplex, full transparent
- Isolation voltage: 2,500Vrms impulse or 500 V DC continues
- Transmission rate: 300 Bps ~ 57,600 Bps
- Power via RS-232 interface (TXD, RTS or DTR)
- Operating temperature: -40 ~ +85 °C
- Relative Humidity: 5% ~ 95 % non-condensing
- Connector and signal :

Pin distribution at RS-232 DTE end

DB 9 Female (PIN)	RS-232 Interface Signal
1	Empty
2	Signal out SOUT (TXD)
3	Signal in SIN (RXD)
4	Empty
5	Signal grounding GND
6	Empty
7	Empty
8	Empty
9	Ring indication RI

## Pin distribution at RS-232 DCE end

DB 9 Male (PIN)	RS-232 Interface Signal
1	Protection grounding cable
2	Signal in SIN (RXD)
3	Signal out SOUT (TXD)
4	Data terminal ready DTR
5	Signal grounding GND
6	Data device ready DSR
7	Request sending RTS
8	Clear sending CTS
9	Ring indication RI

## Application:

