

## Product Datasheet - Technical Specifications



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### Your contact

**Technical and commercial sales, price information,  
quotations, demo/test equipment, consulting:**

Tel.: **+49 - 81 41 - 52 71-0**

FAX: **+49 - 81 41 - 52 71-129**

E-Mail: [sales@meilhaus.com](mailto:sales@meilhaus.com)

Downloads:

[www.meilhaus.com/en/infos/download.htm](http://www.meilhaus.com/en/infos/download.htm)

**Meilhaus Electronic GmbH** | Tel. **+49 - 81 41 - 52 71-0**  
Am Sonnenlicht 2 | Fax **+49 - 81 41 - 52 71-129**  
82239 Alling/Germany | E-Mail [sales@meilhaus.com](mailto:sales@meilhaus.com)

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The latest PCs or notebooks are all equipped with USB ports, COM ports are mostly obsolete. The USB-COM converters have been developed to allow quick and easy expansion of communication interfaces in industrial environments. They are converters from USB to serial COM and allow you to connect classic serial devices with RS232 to USB ports.

The USB Industrial I/O adapters provide instant connectivity to RS232 communication device for factory automation equipment, multi-drop data collection devices, barcode readers, time clocks, scales, data entry terminals, PC to PC long distance communications and serial communication.

The adapters are USB-powered, no additional power adaptor is required. They have compact, economic plastic housings and can be used for mobile applications.

- Converter USB to 2x serial COM/RS232.
- Rates up to 921.6 kbps.
- Send and transmit FIFO.
- USB 1.1 FullSpeed (USB 2.0/3.0 compatible).
- 10 kV ESD protection for all signals.
- USB-powered - no additional power supply adaptor required.

## Model overview



		USB-2COM	USB-4COM	USB-8COM
USB	Compliance	USB 1.0/ 1.1 compliant, USB 2.0 and 3.0 compatible		
	Speed	12 Mbps, FullSpeed		
	FIFO	128 byte transmit/384 byte receive		
Serial interface	Number/type	2x RS232; 9-pin. D-sub male	4x RS232; 9-pin. D-sub male	8x RS232; 9-pin. D-sub male
	Speed	921,6 kbps for transmit and receive		
	Signals	DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI		
	Protection	10 kV ESD protection for all signals		
General	Serial-Com parameters	Daten bits: 5, 6, 7, 8; parity: None, odd, even, mark, space; stop bit: 1, 1.5, 2; flow control: Hardware (RTS, CTS), XON/XOFF		
	Power	USB bus-powered		
	Casing	Plastic, ABS		
	Environmental	Operating temperature 0...55°C; 5...95% rel. humidity (operating); storage temperature -20...+75°C		
Safety approvals		CE, FCC		