

<b>Communication Interfaces</b>		
<b>Article</b>	<b>Description</b>	<b>price / part</b>
<b>USB-CS-2</b>	<p><b>CS Active Interface</b> 20 mA current loop interface Active two wire interface <b>EN 62056-21</b> for multiple slaves</p> <p>Data rate: up to 57600 baud Voltage drop: up to 18 V Open loop 30 V max. LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.7 m (CS) No external power supply required USB driver included</p> 	<p>CHF 220.50</p> <p>from 10 pieces CHF 199.50</p>
<b>USB-CS-1p</b>	<p><b>CS Passive Interface</b> 20 mA current loop interface Passive two wire interface <b>EN 62056-21</b></p> <p>Data rate: up to 57600 baud Voltage drop: 2.2 V Reverse polarity protected LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.7 m (CS) No external power supply required USB driver included</p> 	<p>CHF 220.50</p> <p>from 10 pieces CHF 199.50</p>
<b>USB-RS485-2</b>	<p><b>RS-485 Interface</b> Two wire, half duplex, Multipoint serial connection <b>EIA-485-A-98 (R2003)</b></p> <p>Data rate: up to 500 kbps Termination: 120 Ω Data line bias: 680 Ω LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.7 m (RS-485) - RS-485: standard 2 pin, option RJ-12 No external power supply required USB driver included</p> 	<p>CHF 220.50</p> <p>from 10 pieces CHF 199.50</p>

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<b>USB-RS485-2-12V</b>	<p><b>RS-485 Interface with 12 V supply (LMN Interface)</b> Two wire, half duplex Multipoint serial connection <b>EIA-485-A-98 (R2003)</b> <b>with isolated 12 V supply (70 mA)</b></p> <p>Data rate: up to 3.0 Mbps Termination: 120 Ω Data line bias: 680 Ω LED data indicators and power indicator</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.35 m (RS-485) - RJ-45 for use with Landis+Gyr E220/E320 Smart Meter No external power supply required USB driver included</p> 	<p>CHF 288.75</p> <p>from 10 pieces CHF 262.50</p>
<b>USB-MBUS-4</b>	<p><b>M-Bus Mini-Master</b> USB M-Bus level converter <b>EN 13757-2</b></p> <p>Data rate: up to 19200 baud Bus voltage: 30 V Up to 32 slaves (32 unit loads) LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.7 m (M-Bus)</p> <p>USB high-power device (500 mA) No external power supply required USB driver included</p> 	<p>CHF 304.50</p> <p>from 10 pieces CHF 274.05</p> <p>from 20 pieces CHF 267.75</p> <p>from 100 pieces CHF 255.15</p>
<b>USB-MBUS-2s</b>	<p><b>M-Bus Slave</b> USB - M-Bus Level Converter <b>EN 13757-2</b></p> <p>Data rate: up to 19200 baud Polarity independent Two unit loads (2 UL) Bus voltage: 42 V max. LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.7 m (M-Bus) No external power supply required USB driver included</p> 	<p>CHF 231.00</p> <p>from 10 pieces CHF 210.00</p> <p>from 50 pieces CHF 199.50</p> <p>from 100 pieces CHF 193.20</p>

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<b>USB-AMR-1</b>	<p><b>AMR Interface Connector</b></p> <p>Data rate: up to 115200 baud (maybe limited by connected device) LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.12 m (AMR) No external power supply required USB driver included</p> 	<p>CHF 231.00</p> <p>from 10 pieces CHF 210.00</p>
<b>USB-AMR-1m</b>	<p><b>AMR Meter Simulator</b></p> <p>Data rate: up to 19200 baud LED data indicators</p> <p>Dimensions: 52x40x14 mm Cable length: 2.0 m (USB), 0.12 m (AMR) No external power supply required USB driver included</p> 	<p>CHF 231.00</p> <p>from 10 pieces CHF 210.00</p>
<b>USB-OPT-3</b>	<p><b>Optical Interface</b></p> <p><b>EN 62056-21</b></p> <p>LED data indicator Data rate: up to 57600 baud Echo suppression Cable length: 1.8 m - option 4.5 m or by request</p> <p>No external power supply required USB driver included</p> 	<p>CHF 218.40</p> <p>from 10 pieces CHF 207.90</p> <p>from 50 pieces CHF 189.00</p> <p>from 100 pieces CHF 183.75</p>

**Prices and terms of payment**

All prices are net prices in Swiss Francs

Prices do not include VAT

Packing and shipping costs payable by the client and not included in net prices

Pre payment if delivery ex Switzerland