

Data sheet:




RS422/RS485 <=> 20mA interface, Industry



Article no.: 64201

EUR 168.00

*Net price for commercial users

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Serial interface - connect with galvanic isolation

The Interface connects devices equipped with an RS422 or RS485 interface to active or passive 20mA components. The built-in galvanic isolation ensures uninterrupted transmission in industrial environments.

Properties

Interfaces:

- **1x RS422/485**
 - 9-pin Sub-D plug
 - RS422/485: 4-wire bus master
 - RS485: 2/4-wire bus systems
- **1x 20mA**
 - 9-pin Sub-D plug
 - Selectable active or passive
 - Alternate designations: Current loop, TTY, line current interface
- **Galvanic isolation between the ports**
 - Isolation voltage 1kV DC

Management and Connectivity:


- **Active/Passive mode can be set individually for both loops**
- **No re-configuration of transmission parameters required**

Power supply:

- **External**
 - 12V-24V AC/DC via plug-in screw terminal
 - Galvanically isolated power connection

Standards & more

- **Conforms to standards both in office and industrial environments:**
 - High noise resistance for industrial environments
 - Low noise emission for residential and business areas
- **5 year guarantee**

 Wish for something!
Your suggestions for improvement and additions

Technical data

Connections and displays:

Serial Port A:	RS422/RS485 interface 9-pin SUB-D adapter, PC assignment
Serial Port B:	20mA interface 9-pin SUB-D adapter
Switching time:	approx. 10µs for changing from data sending to receiving for RS485 automatic control (can be modified on request)
Baud rate:	0 to 19200 Baud

Data format:	any format
Supported signals:	RxD, TxD
Termination:	Connectable termination network for RS485 operation
Galvanic isolation:	Isolation voltage min. 1kV DC between all terminals
Power supply:	12..24V DC/AC
Current consumption:	typ. 130mA @12V DC, 65mA @24V DC
Supply voltage connection:	Plug-in screw terminal, 5.08mm spacing Labeled "L+" and "M"
Displays:	1 LED Power 1 LED Data




Housing and other data:

Housing:	Plastic housing for top hat rail installation 105 x 22 x 75mm (L x W x H)
Weight:	approx. 100g
Ambient temperature:	Storage: -40 .. +70°C Operating (non-adjacent installation): 0 .. +60°C Operating (adjacent installation) 0 .. +50°C
Permissible relative humidity:	5..95% RH (non-condensing)
Life expectancy:	> 25 years at 25°C ambient temperature
Scope of delivery:	RS422/RS485 <-> 20mA interface, Industry Please order power supplies separately as accessories




Accessories

*Net unit price for commercial users

Power supplies

Plug-in power supply, 24V / 500mA DC with Euro plug	11021	21.00€	
Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug	11026	38.00€	
Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee)	11080	33.00€	

Cable and Connector Accessories

DB9F connection cable with open cable ends, left angled, 1.5m	11902	17.50€	
DB9F connection cable with open cable ends, right angled, 1.5m	11903	17.50€	
9-pol. SUB D socket with screwing terminal and shielded housing	11905	21.00€	

Mechanical Accessories

Wall mount housing, enclosure rating IP66 / IP67	11120	54.00€	
Mounting bracket for wall mounting	58812	11.20€	
19" DIN rail	58813	21.00€	

* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

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