



Serial Device Server ICDM-RX/TCP-DB9/RJ45-PM

- Panel mounting and DB9 connector
- RS-232/422/485 software selectable interfaces
- Web-based configuration
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)

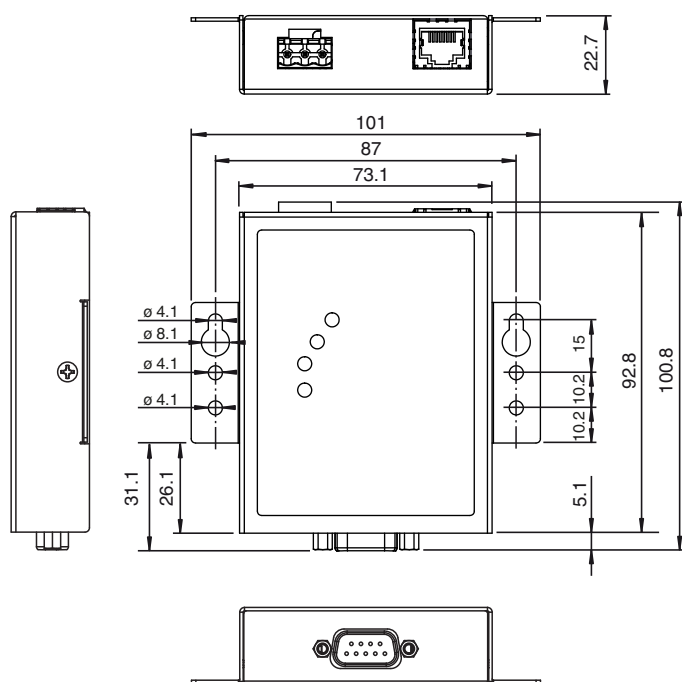
Serial Device Server 1-port Panel Mount DB9



Function

The ICDM-RX/TCP product family enables the connection of serial devices (RS-232 / RS-422 / RS-485) using a device driver (Windows or Linux) or Ethernet TCP/IP devices using socket services to an industrial Ethernet network. The integrated webserver enables complete configuration of all module parameters like serial interface, baud rate, parity, data bits, stop bits, or flow control. Products are available in different versions for DB9 or screw terminal connection.

Dimensions



Technical Data

General specifications

UL File Number	E185802
MTBF	48.4 a

Indicators/operating means

LED indication	see manual
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Electrical specifications

Rated operating voltage	U _e	5 ... 30 V DC
Nominal voltage		24 V DC

Interface

Interface type	Software selectable interfaces: RS-232 RS-422 RS-485 2-wire	
Physical		1 x DB9
Protocol		Raw serial
Supported baud rates		300 bps to 230Kbps

Interface 1

Interface type		Industrial Ethernet
Physical		1 x RJ45
Protocol		TCP/IP
Additional protocols		ARP, BOOTP, DHCP/RARP, HTTP, HTTPS, SSH, SSL/TLS, ICMP, RFC 1006 (ISO over TCP), SNMP (MIB-II), TCP/IP & UDP socket services, Telnet, and TFTP, and supports IP multicast data transmission
Transfer rate		10/100 Mbps

Directive conformity

Electromagnetic compatibility		
Directive 2014/30/EU		EN 61000-6-2:2005 , EN 61000-6-4:2007 + A1:2011
RoHS		EN IEC 63000:2018

Standard conformity

Electrical safety		CSA C22.2 No. 60950 / CSA C22.2 No. 60950/UL60950
Emitted interference		EN 61000-6-4, EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity		EN 61000-6-2

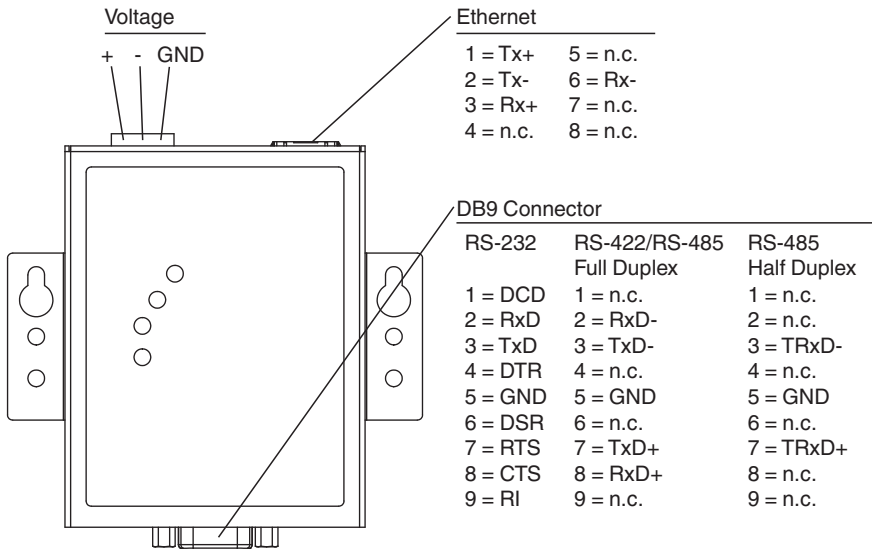
Ambient conditions

Ambient temperature		-40 ... 75 °C (-40 ... 167 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
Relative humidity		max. 95 %
Altitude		0 ... 3048 m

Mechanical specifications

Degree of protection		IP20
Connection		Power Supply: pluggable screw terminal Fieldbus: 1 x RJ45 Inputs/outputs: 1 x DB9
Material		
Housing		stainless steel
Mass		220g
Dimensions		
Height		71.1 mm
Width		20.3 mm
Length		91.4 mm
Construction type		Cabinet module
Mounting		panel mount

Connection



Indication

