

Serial Device Server

ICDM-RX/TCP-8DB9/2RJ45-PM



- Web-based configuration
- RS-232/422/485 software selectable interfaces
- NEMA TS2 Certified
- TCP/IP & UDP Socket Services
- Device drivers (Windows and Linux)
- Panel mount with DB9 serial connectors

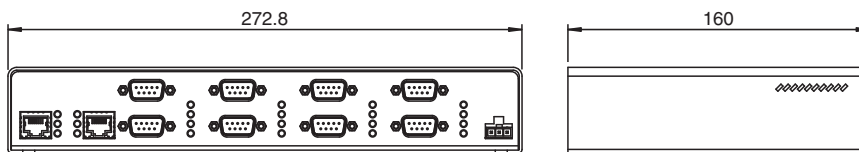
Device Server 8-port panel mount DB9



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



Unit Height = 46.7

Technical Data

General specifications		
UL File Number		E185802
Functional safety related parameters		
MTBF		31.1 a
Indicators/operating means		
LED indication		see manual
Electrical specifications		
Rated operating voltage	U _e	9 ... 30 V DC
Nominal voltage		24 V DC
Surge protection		15 KV / 200 A for 1 ns
Interface		
Interface type		Software selectable interfaces: RS-232 , RS-422 , RS-485 (2 and 4-wire)
Physical		8 x DB9
Protocol		Raw serial
Supported baud rates		300 bps to 230Kbps
Interface 1		
Interface type		Industrial Ethernet
Physical		2 x RJ45
Protocol		TCP/IP

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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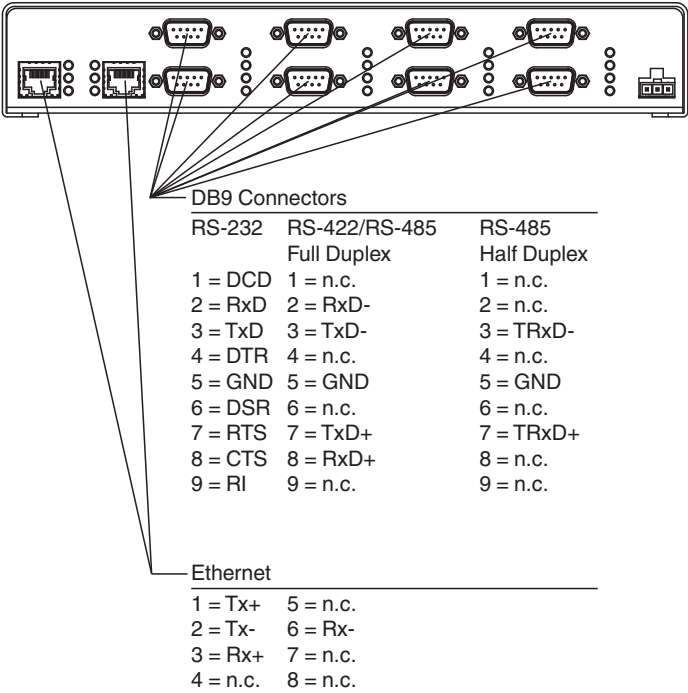
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 **PEPPERL+FUCHS**

Technical Data

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 55032:2015+A11:2020 , EN 55035:2017/A11:2020	
RoHS		EN IEC 63000:2018
Standard conformity		
Degree of protection		NEMA TS2
Electrical safety		EN 62368-1:2014-08
Emitted interference		EN 55032, FCC Part 15 Subpart B, ICES-003, AS/NZS CISPR 32
Noise immunity		EN 55035:2017/A11:2020
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: screw terminals Fieldbus: 2 x RJ45 Inputs/outputs: Temperature, up to 2 RTDs per unit	
Material		
Housing		steel, black coated
Mass		1.63kg
Dimensions		
Height		45.7 mm
Width		160 mm
Length		275 mm
Construction type		Cabinet module
Mounting		Panel

Connection



Assembly

