UNIGATE® FALCON

Protocol Converter / Gateways for DINrail



Illustration similar

Norm compliant
Certified
Configurable
Programmable

Ready-to-use
Designed and manufactured in Germany

INDUSTRIALCOMMS

Data sheet

PROFIBUS DP interface:

PROFIBUS-DP-Slave interface
PROFIBUS address adjustable via rotary switch

Automatic Baud rate recognition (9600 bit/s - 12 Mbit/s)

Up to 244 Bytes input- and 244 Bytes ouput data
total data length 488 Bytes

Cyclical data exchange

Acyclic data exchange

DPV0, DPV1 and DPV2 supported

Isolated PROFIBUS interface with 9-pin. D-sub connector

PROFIBUS configuration via GSD file

Ethernet interface:

Configuration via web interface

Isolated 1x RJ45 connection

100 Mbit/s

FTP server

Webserver

Serial interfaces:

RS422

RS485
Transmission rate max. 6 MBaud

RS232

Implemented protocols:

Modbus RTU Master

Modbus RTU Slave

Modbus ASCII Master

Modbus ASCII Slave

ASCII (Generic)

Debug nterface (µ-USB):

Debugging script

Programming (optional):

Scriptprogramming

Software Protocol Developer

Deutschmann script language

Creating scripts for standard protocols

Creating scripts for proprietary protocols

Service menu (push button):

Restart

Restore defaults

RS-Termination

Technical data

Variant	DIN rail
Dimensions (WxDxH in mm)	25 x 95 x 91 (connector plug included)
Weight	approx. 105 g
Protection class	IP20
Housing material	Polyamid
Mouting	DINrail (EN 50022)
Power supply	10 up to 33 Volt DC Protection against incorrect polarity, short circuit and overload integrated
Operating temperature	-25°C (non condensing) up to +70°C
Storage-/transport temperature	-40°C ... +100°C
Push button	Service menu (Restart/Restore defaults/RS-Termination)
Interfaces:	
Serial	RS422/RS485 up to 6 MBaud, RS232
PROFIBUS DP	PROFIBUS DP-Slave, up to 12Mbit/s, up to 244 byte I/O, DPV0, DPV1, DPV2
Ethernet	webinterface (configuration)
µUSB	Debug interface

Order data

Order designation	Description	Order number
UNIGATE FN-ECO-PB	Mounting: On DIN rail; Operating voltage: 10-33V/DC; Connection type plug: Push-in spring connection; Front cover: transparent hinged cover; Service menu (via push-button); Available interfaces: PROFIBUS DP-Slave Interface, serial interfaces (RS232, RS422 and RS485), Ethernet interface (configuration), debug interface (via µ-USB); Configuration via web interface or individual script (Software Protocol Developer); device color: Front + housing blue, connector black (blue: similar to RAL 5015) (black: similar to RAL 9005)	V6009
UNIGATE FN-ECO-GY-PB	Mounting: On DIN rail; Operating voltage: 10-33V/DC; Connection type plug: Push-in spring connection; Front cover: transparent hinged cover; Service menu (via push-button); Available interfaces: PROFIBUS DP Slave-interface, serial interfaces (RS232, RS422 and RS485), Ethernet interface (configuration), debug interface (via µ-USB); Configuration via web interface or individual script (Software Protocol Developer); device color: Front + housing + connector light grey (light grey: similar to RAL 7035)	V6010
Optional	Customized design	

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