UNIGATE® MB

Protocol Converter for devices with serial Modbus RTU interface

Easy installation
Norm compliant
Certified
Configurable
Ready-to-use
Designed and manufactured in Germany

Data sheet

Complete PROFIBUS DP Slave interface

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

DPV0 and DPV1 supported

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

PROFIBUS address adjustable via rotary switch

Up to 244 Bytes input- and 244 Bytes output data (total data length 488 Bytes)

RS232/RS485/RS422 up to 625 kBaud configurable

Technical data

Dimensions (WxDxH in mm)	23 x 117 x 111 (screw-plug-connector included) 23 x 117 x 100 (screw-plug-connector not included)
Weight	approx. 123 g
Protection class	IP20
Housing material	Polyamid
Mounting	DINrail (EN 50022)
External power supply	10 to 33 Volt DC Reverse polarity protection, short circuit protection and overload integrated
Current consumption (at +24V/DC)	typ. 70mA, max. 80mA
Operating temperature	-40°C (non condensing) up to +85°C
Storage/transport temperature	-40°C ... +85°C
Fieldbus functions	All mandatory PROFIBUS DP Slave functions
Technology	ASIC
Certifications	PROFIBUS, CE

Order data

Order designation	Description	Order number
UNIGATE MB-PROFIBUS	DIN-rail module for every device with serial Modbus RTU - to PROFIBUS. Serial interface - RS232, 422 and 485 on-board. Housing: sky blue RAL 5015.	V3978