

UNIGATE[®] IC

Ready-to-install embedded solution

32 DIL

Designed & manufactured in Germany

Norm compliant

Certified

Programmable



Data sheet

Complete Modbus TCP interface

10/100 Mbit/s

Isolated Ethernet-interface

IT functions: Web server, FTP server

Up to 1540 Bytes input- and 1540 Bytes output data

UART up to 625 kBaud

Technical data

Dimensions (WxDxH in mm)	45 x 25 x 8 45 x 25 x 11 (without transformer)
Voltage supply	5V; 3,3V
Housing	32 DIL
Weight	approx. 10 g
Current consumption	Typ. 250mA
Operating temperature	Industrial temperature range -40°C up to +85°C
Storage-/Transport temperature	-40°C ... +100°C
Ethernet Protocols	Modbus TCP, TCP, UDP, IP, web server, FTP, ...
Interfaces	2x UART, 1x SPI/Syn. serial
Technology	ASIC

Comparison Chart - IC-Fast Ethernet variants

Performance Characteristics	UNIGATE IC-FE	UNIGATE IC-FEX
Server-Side-Include (SSI)	No	Yes
RAM-Disk	No	Yes
RAW-Mode	No	Yes

Order data

Order designation	Description	Order number
UNIGATE IC-FEX-5V (Modbus TCP, TCP/IP, ...)	All-In-One Single-Chip Interface for Modbus TCP, version 5V	V3722
UNIGATE IC-FEX-3,3V (Modbus TCP, TCP/IP, ...)	All-In-One Single-Chip Interface for Modbus TCP, version 3,3V	V3766
UNIGATE IC-FEX-3,3V (Modbus TCP, TCP/IP, ...) without transformer	All-In-One Single-Chip Interface for Modbus TCP, version 3,3V without transformer	V4058
UNIGATE IC-FE-5V (Modbus TCP, TCP/IP, ...)	All-In-One Single-Chip Interface for Modbus TCP, version 5V	3419
UNIGATE IC-FE-3,3V (Modbus TCP, TCP/IP, ...)	All-In-One Single-Chip Interface for Modbus TCP, version 3,3V	V3691
UNIGATE IC-FE-5V (Modbus TCP, TCP/IP, ...) without transformer	All-In-One Single-Chip Interface for Modbus TCP, version 5V without transformer	V3709
UNIGATE IC-FE-3,3V (Modbus TCP, TCP/IP, ...) without transformer	All-In-One Single-Chip Interface for Modbus TCP, version 3,3V without transformer	V3963