

Multiprotocol Gateway MPG DPxxx

- **Conversion of essernet protocols to BACnet server/client, Modbus IP, OPC server, LonTalk, EIB/Instabus or customer-specified**
- **Easy project planning via usage of tools 8000 data**
- **Preconfigured hardware/software package with real-time operating system**
- **Quick start-up possible by uploading the project data via the TCP/IP-network**
- **Remote diagnostics and remote maintenance via Web user interface**
- **10/100 Base-T Ethernet interface**
- **RS232/RS485 serial interfaces**



New ways of integration

The Multiprotocol Gateway provides the conversion of essernet data protocols into standard software protocols for communication with overriding building management systems as well as devices from other manufacturers.

The basic configuration is carried out through simple reading of the project data from the tools 8000 programming software and conversion of the editable project data into data objects of the respective target protocol. Here, the alarm, fault and disconnection states are each considered to be one data point - the status of which can be transmitted via the selected protocol - per detection point.

The planning of the data points is carried out on the basis of text files per protocol driver. A connection of two data points is defined in a further text file via information of source and destination. The mapping of the data points is carried out on the basis of

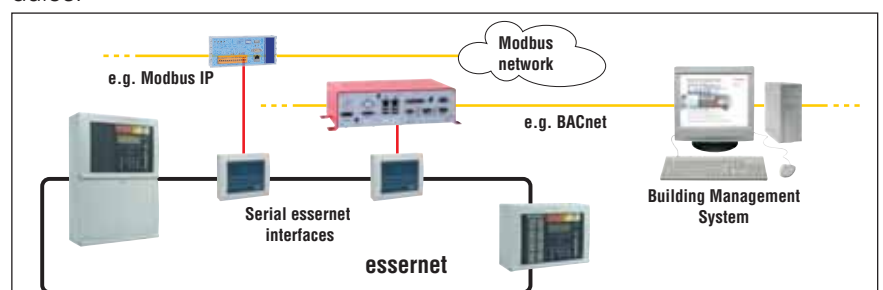
analog actual values, analog projected values, binary projected values as well as binary actual values.

It is easily possible to edit the list of detection points during planning. Since it is often the case that not all the information of the fire detection net should be transmitted to the overriding control system, the number of data points being transmitted via the gateway can be reduced to the desired amount in this way.

A serial essernet interface (SEI) - unidirectional or bidirectional - as well as an interface module RS232/V24 are necessary for connecting the Multiprotocol Gateway to the essernet. When using the bidirectional SEI, switching functions such as connection and disconnection of detectors or detector groups are also possible.

Integrated Web server

The Gateway has an access-protected Web user interface with its own user administration. In this way, the following are possible: Remote diagnostic, remote maintenance including the refreshing of all project data, the status inquiry of all data points; switching over the Gateway without additional software is also possible when using the corresponding Esser modules.



Technical data	DP500	DP1500	DP7500	DP35000
Rated voltage	230 V AC	230 V AC	230 V AC	230 V AC
Rated frequency	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
Power consumption	8 W	25 W	40 W	300 W
Operating voltage	12 - 26 V DC	5 V DC	10 - 30 DC	--
Supply via power supply	external*	external*	external*	internal
Data points switching	330	1,000	5,000	23,000
Data p. switching & indicating	200	600	3,000	14,000
Mounting	mounting rail	mounting rail	rear wall	19"
Weight	0.4 kg	1.2 kg	3 kg	8 kg
Dimensions (W x H x D)	168 x 33 x 76 mm	140 x 145 x 130 mm	292 x 81 x 145 mm	19" x 4 HU x 281 mm

* Included in the scope of delivery!

Order information Part No.

Multiprotocol-Gateway DP500 Esser - BACnet client	785000
Multiprotocol-Gateway DP500 Esser - BACnet server	785001
Multiprotocol-Gateway DP500 Esser - EIB/Instabus	785002
Multiprotocol-Gateway DP500 Esser - LONTalk	785003
Multiprotocol-Gateway DP500 Esser - Modbus IP	785004
Multiprotocol-Gateway DP500 Esser - OPC server	785006
Multiprotocol-Gateway DP500 Esser - custom driver incl. HW	785007
Multiprotocol-Gateway DP500 Esser - custom driver	785008
Multiprotocol-Gateway DP1500 Esser - BACnet client	785009
Multiprotocol-Gateway DP1500 Esser - BACnet server	785010
Multiprotocol-Gateway DP1500 Esser - EIB/Instabus	785011
Multiprotocol-Gateway DP1500 Esser - LONTalk	785012
Multiprotocol-Gateway DP1500 Esser - Modbus IP	785013
Multiprotocol-Gateway DP1500 Esser - OPC server	785015
Multiprotocol-Gateway DP1500 Esser - custom driver incl. HW	785016
Multiprotocol-Gateway DP1500 Esser - custom driver	785017
Multiprotocol-Gateway DP7500 Esser - BACnet client	785018
Multiprotocol-Gateway DP7500 Esser - BACnet server	785019
Multiprotocol-Gateway DP7500 Esser - EIB/Instabus	785020
Multiprotocol-Gateway DP7500 Esser - LONTalk	785021
Multiprotocol-Gateway DP7500 Esser - Modbus IP	785022
Multiprotocol-Gateway DP7500 Esser - OPC server	785024
Multiprotocol-Gateway DP7500 Esser - custom driver incl. HW	785025
Multiprotocol-Gateway DP7500 Esser - custom driver	785026
Multiprotocol-Gateway DP35000 Esser - BACnet client	785027
Multiprotocol-Gateway DP35000 Esser - BACnet server	785028
Multiprotocol-Gateway DP35000 Esser - EIB/Instabus	785029
Multiprotocol-Gateway DP35000 Esser - LONTalk	785030
Multiprotocol-Gateway DP35000 Esser - Modbus IP	785031
Multiprotocol-Gateway DP35000 Esser - OPC server	785033
Multiprotocol-Gateway DP35000 Esser - custom driver incl. HW	785034
Multiprotocol-Gateway DP35000 Esser - custom driver	785035

For further order information please refer to our "Fire Alarm Technology" Product Line Catalogue.

