### **DATASHEET - XN-GWBR-DPV1**



### Gateway for XI/ON I/O system, profibus DP/DPV1, bus refresh with

Powering Business Worldwide\*

Part no. XN-GWBR-DPV1 Catalog No. 148561

Alternate Catalog

No.

XN-GWBR-DPV1

EL-Nummer (Norway)

0004520605

**Delivery program** 

| Function   | Gateways XI/ON  |
|--|---|
| Field bus connection   | PROFIBUS-DP (DPV1 protocol)                               |
| Data transfer rate   | 9.6 Kbit/s to 12 Mbit/s                                   |
| Information about equipment supplied The delivery package for all gateways include | es: 2 x end bracket XN-WEW-32/2-SW, 1 x end plate XN-ABPL |

# **Technical data**

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| Approvals  Approvals  Approvals  CE, cULus  Ce, culus |  |                  |      |                                  |
|--|--|------------------|------|----------------------------------|
| Approvals  Static heat dissipation, non-current-dependent  Other technical data (sheet catalogue)  Terminations  Connection design in TOP direction  Networking  System supply  Connection design for field bus  CE, cULus  CE, cULus  CE, cULus  CE, cULus  CE, cULus  CE, cULus  Technical Data  Technical Data  | Approvals                                      |                  |      |                                  |
| Static heat dissipation, non-current-dependent  Pvs W 10 Other technical data (sheet catalogue)  Terminations Connection design in TOP direction  Networking System supply Usys V DC 24/5 Connection design for field bus  1 x D-SUB socket, 9-pin   | Approvals                                      |                  |      | CE, cULus                        |
| Other technical data (sheet catalogue)  Terminations  Connection design in TOP direction  Networking  System supply  Usys  V DC  24/5  Connection design for field bus  Technical Data  Technical Data   | Approvals                                      |                  |      | CE, cULus                        |
| Terminations Connection design in TOP direction  Networking System supply Usys V DC 24/5 Connection design for field bus  1 x D-SUB socket, 9-pin  | Static heat dissipation, non-current-dependent | P <sub>vs</sub>  | W    | 10                               |
| Connection design in TOP direction  Networking  System supply  Usys  V DC  24/5  Connection design for field bus  Spring-loaded/screw terminal  1 x D-SUB socket, 9-pin  | Other technical data (sheet catalogue)         |                  |      | Technical Data                   |
| Networking System supply Usys V DC 24/5 Connection design for field bus 1 x D-SUB socket, 9-pin  | Terminations                                   |                  |      |                                  |
| System supply U <sub>sys</sub> V DC 24/5 Connection design for field bus 1 x D-SUB socket, 9-pin   | Connection design in TOP direction             |                  |      | Spring-loaded/screw terminal     |
| Connection design for field bus 1 x D-SUB socket, 9-pin  | Networking                                     |                  |      |                                  |
| ·  | System supply                                  | $U_{\text{sys}}$ | V DC | 24 /5                            |
| Addressing 2 decimal rotary coding switches  | Connection design for field bus                |                  |      | 1 x D-SUB socket, 9-pin          |
|  | Addressing                                     |                  |      | 2 decimal rotary coding switches |

#### **Design verification as per IEC/EN 61439**

| Design vernication as per IEC/EN 01439   |                   |    |  |
|--|-------------------|----|--|
| Technical data for design verification   |                   |    |  |
| Rated operational current for specified heat dissipation   | In                | Α  | 0  |
| Heat dissipation per pole, current-dependent   | $P_{vid}$         | W  | 0  |
| Equipment heat dissipation, current-dependent  | P <sub>vid</sub>  | W  | 0  |
| Static heat dissipation, non-current-dependent   | $P_{vs}$          | W  | 10   |
| Heat dissipation capacity  | P <sub>diss</sub> | W  | 0  |
| Operating ambient temperature min.   |                   | °C | 0  |
| Operating ambient temperature max.   |                   | °C | 55   |
| Degree of Protection   |                   |    | IP20   |
| IEC/EN 61439 design verification   |                   |    |  |
| 10.2 Strength of materials and parts   |                   |    |  |
| 10.2.2 Corrosion resistance  |                   |    | Meets the product standard's requirements.                         |
| 10.2.3.1 Verification of thermal stability of enclosures   |                   |    | Meets the product standard's requirements.                         |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |                   |    | Meets the product standard's requirements.                         |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |                   |    | Meets the product standard's requirements.                         |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |                   |    | Meets the product standard's requirements.                         |
| 10.2.5 Lifting   |                   |    | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.6 Mechanical impact   |                   |    | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.2.7 Inscriptions  |                   |    | Meets the product standard's requirements.                         |
| 10.3 Degree of protection of ASSEMBLIES  |                   |    | Meets the product standard's requirements.                         |
| 10.4 Clearances and creepage distances   |                   |    | Meets the product standard's requirements.                         |
| 10.5 Protection against electric shock   |                   |    | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 Incorporation of switching devices and components   |                   |    | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 Internal electrical circuits and connections  |                   |    | Is the panel builder's responsibility.                             |

| 10.8 Connections for external conductors                 | Is the panel builder's responsibility.   |
|--|--|
| 10.9 Insulation properties                               |  |
| 10.9.2 Power-frequency electric strength                 | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage                         | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material | Is the panel builder's responsibility.   |
| 10.10 Temperature rise                                   | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating                               | Is the panel builder's responsibility.   |
| 10.12 Electromagnetic compatibility                      | Is the panel builder's responsibility.   |
| 10.13 Mechanical function                                | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

### **Technical data ETIM 7.0**

| PLC + IRODOROSI/ Frieldbase, decentralized peripheral - communications module (Editional July 2004)   Cardional Supplications (Editional July 2004)   Cardional Supplication   | 16Cililical uata Ettivi 7.0   |                              |   |
|--|---|------------------------------|---|
| feed listed Lots 1-7-7-24-Peta (BARADOSIDIS)         V         0 - 0           Supply voldage AC 80 Hz         V         0 - 0           Supply voldage AC 80 Hz         V         0 - 0           Supply voldage AC 80 Hz         V         0 - 0           Supporting proteos for TCPIPP         In         No           Supporting proteos for TCPIPP         In         No           Supporting proteos for NTREBUS         In         No           Supporting proteos for NTREBUS         In         No           Supporting proteos for NTREBUS         In         No           Supporting proteos for MAIS         In         No           Supporting proteos for Supporting proteos for MAIS         In         No           Supporting proteos for Supporting proteos for FOR FOR SUBCET         In         No           Supporting proteos for FOR FOR FOR CBA         In         No           Supporting proteos for FOR FOR FOR CBA         In         No           Supporting proteos for FOR FOR FOR CBA   | PLC's (EG000024) / Fieldbus, decentr. periphery - communication module (ECC | 001604)                      |   |
| Supply voltage DC 60 Hz         V         0 - 0           Supply voltage DC 60 voltage Supply voltage         V         1 - 30           Supporting protoce for TCPIPP         No           Supporting protoce for PROFIBUS         No           Supporting protoce for the PROFIBUS         No           Supporting protoce for the TREBUS         No           Supporting protoce for the TREBUS         No           Supporting protoce for the KIX         No           Supporting protoce for the KIX         No           Supporting protoce for DADEUS         No           Supporting protoce for DADEUS         No           Supporting protoce for Date Helphawy         No           Supporting protoce for Date Helphawy         No           Supporting protoce for EDECA         No           Supporting protoce for EDECA         No           Supporting protoce for EDECA         No           Supporting protoce for FORINET EBA         No           Supporting protoce for EberkevEP         No           Supporting protoce for December Safety         No           Supporting protoc  |   | d bus, decentralized periphe | ral / Field bus, decentralized peripheral - communications module |
| Support voltage DC         V         18-30           Voltage Npt voltage         DC           Supporting protect for CPOPIP         No           Supporting protect for CPOPIPBUS         Yes           Supporting protect for CPAN         No           Supporting protect for CPAN         No           Supporting protect for CPAN         No           Supporting protect for KNX         No           Supporting protect for MODBUS         No           Supporting protect for Data Hillingway         No           Supporting protect for Data Hillingway         No           Supporting protect for Data Hillingway         No           Supporting protect for DeviceNet         No           Supporting protect for DeviceNet         No           Supporting protect for DEVICENT         No           Supporting protect for SECOS         No           Supporting protect for FRENINET ICD         No           Supporting protect for FRENINET ICD         No           Supporting protect for Frenchalter ICD         No           Supporting protect for Frenchalter ICD         No           Supporting protect for Frenchalter Safety Work         No           Supporting protect for Frenchalter Safety Work         No           Supporting protect for PRENINTE ICD </th <th>Supply voltage AC 50 Hz</th> <th>V</th> <th>0 - 0</th>   | Supply voltage AC 50 Hz   | V                            | 0 - 0   |
| Voltage type of supply voltage         DC           Supporting protocol for TCP/IP         No           Supporting protocol for CAN         No           Supporting protocol for CAN         No           Supporting protocol for ASI         No           Supporting protocol for ASI         No           Supporting protocol for MX         No           Supporting protocol for MX         No           Supporting protocol for Deat -Highway         No           Supporting protocol for SERCOS         No           Supporting protocol for Deat -Highway         No           Supporting protocol for PROFINET OBA         No           Supporting protocol for PROFINET OBA         No           Supporting protocol for Provinet Selfay at Work         No           Supporting protocol for Deat-Highway         No           Supporting protocol for Work Hi  | Supply voltage AC 60 Hz   | V                            | 0 - 0   |
| Supporting protocol for PROFIBUS         Yes           Supporting protocol for PROFIBUS         Yes           Supporting protocol for LAREBUS         No           Supporting protocol for INTERBUS         No           Supporting protocol for NASI         No           Supporting protocol for NASI         No           Supporting protocol for MOBUSUS         No           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for SUONET         No           Supporting protocol for SUONET         No           Supporting protocol for SHCOS         No           Supporting protocol for FROFINET IO         No           Supporting protocol for FROFINET IO         No           Supporting protocol for FROFINET ICBA         No           Supporting protocol for FROFINET ICBA         No           Supporting protocol for Includities Fidelities         No           Supporting protocol for FROFINET KERBUS Salety         No   | Supply voltage DC   | V                            | 18 - 30   |
| Supporting protocol for PROFIBUS         Yes           Supporting protocol for LCAN         No           Supporting protocol for ASI         No           Supporting protocol for ASI         No           Supporting protocol for ANIX         No           Supporting protocol for DNOBUS         No           Supporting protocol for Dat-Highway         No           Supporting protocol for Dat-Highway         No           Supporting protocol for Evecket         No           Supporting protocol for EVECKET         No           Supporting protocol for EVECKET         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET IOS         No           Supporting protocol for PROFINET UGA         No           Supporting protocol for Even-Mexil'P         No           Supporting protocol for PROFINET UGA         No           Supporting protocol for Even-Mexil'P         No           Supporting protocol for PROFINET UGA         No           Supporting protocol for PROFINET UGA         No           Supporting protocol for Even-Mexil'Sal  | Voltage type of supply voltage  |                              | DC  |
| Supporting protocol for CAN         No           Supporting protocol for INTERBUS         No           Supporting protocol for ASI         No           Supporting protocol for ASI         No           Supporting protocol for MDBUS         No           Supporting protocol for Data-lighway         No           Supporting protocol for Data-lighway         No           Supporting protocol for DucioaNet         No           Supporting protocol for DucioaNet         No           Supporting protocol for SUDONET         No           Supporting protocol for SUDONET         No           Supporting protocol for FORDINET DA         No           Supporting protocol for PROFINET DA         No           Supporting protocol for PROFINET DA         No           Supporting protocol for FORDINET CBA         No           Supporting protocol for PROFINET C  | Supporting protocol for TCP/IP  |                              | No  |
| Supporting protocol for INTERBUS         No           Supporting protocol for ANI         No           Supporting protocol for MOBUS         No           Supporting protocol for MOBUS         No           Supporting protocol for Data-Highway         No           Supporting protocol for DeviceNet         No           Supporting protocol for DeviceNet         No           Supporting protocol for Lon SUCONET         No           Supporting protocol for FROFINET IO         No           Supporting protocol for PROFINET IOS         No           Supporting protocol for Foundation Fieldbus         No           Supporting protocol for DeviceNet Safety         No           Supporting protocol for AITERBUS Safety         No           Supporting protocol for NOTERBUS Safety         No           Supporting protocol for PROFIsafe         No           Supporting protocol for Secondard WLAN 802.11         No           Radio standard Blutooth         No           Radio standard WLAN 802.11         No           Radio standard WLAN 802.11         No           U  | Supporting protocol for PROFIBUS  |                              | Yes   |
| Supporting protocol for ASI         No           Supporting protocol for MXDBUS         No           Supporting protocol for MDBUS         No           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for SUCONET         No           Supporting protocol for SUCONET         No           Supporting protocol for FUCON         No           Supporting protocol for Supporting Supporting protocol for Supporting Supporting protocol for Supporting Supporting Protocol for Supporting Supporting Supporting Protocol for Supporting   | Supporting protocol for CAN   |                              | No  |
| Supporting protocol for KNX         No           Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for DeviceNet         No           Supporting protocol for SUCONET         No           Supporting protocol for SUCONET         No           Supporting protocol for FORDINET IO         No           Supporting protocol for PROFINET IG         No           Supporting protocol for PROFINET BA         No           Supporting protocol for Edundation Fieldbus         No           Supporting protocol for Edundation Fieldbus         No           Supporting protocol for AS-Interface Safety at Work         No           Supporting protocol for AS-Interface Safety at Work         No           Supporting protocol for AS-Interface Safety at Work         No           Supporting protocol for PROFIsate         No           Supporting protocol for PROFIsate         No           Supporting protocol for SafetyBUS P         No           Supporting protocol for Other bus systems         No           Radio standard Bluetoth         No           Radio standard Bluetoth         No           Radio standard UMIN SQL         No           Radio standard GSM         No           Ra  | Supporting protocol for INTERBUS  |                              | No  |
| Supporting protocol for Data-Highway         No           Supporting protocol for Data-Highway         No           Supporting protocol for DeviceNat         No           Supporting protocol for DeviceNat         No           Supporting protocol for SUCONET         No           Supporting protocol for ENCONS         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for PROFINET BLA         No           Supporting protocol for PROFILES Adelay         No  | Supporting protocol for ASI   |                              | No  |
| Supporting protocol for Data-Highway         No           Supporting protocol for DeviceNet         No           Supporting protocol for DeVICONET         No           Supporting protocol for SERCOS         No           Supporting protocol for PROFINET IO         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for PROFINET CBA         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for EtherNet/IP         No           Supporting protocol for DeViceNet Safety         No           Supporting protocol for DeViceNet Safety         No           Supporting protocol for DeViceNet Safety         No           Supporting protocol for INTERBUS-Safety         No           Supporting protocol for PROFISafe         No           Supporting protocol for SafetyBUS p         No           Radio standard WILAN 802.11         No           Radio standard WILAN 802.11         No           Radio standard GPRS         No           Supporting protocol for Devi  | Supporting protocol for KNX   |                              | No  |
| Supporting protocol for SUCONET Supporting protocol for SERCOS Supporting protocol for PROFINET IO Supporting protocol for PROFINET CBA Supporting protocol for FROFINET CBA Supporting protocol for FROFINET CBA Supporting protocol for FROFINET CBA Supporting protocol for EtherNet/IP Supporting protocol for EtherNet/IP Supporting protocol for AS-Interface Safety at Work Supporting protocol for DIFERBUS-Safety Supporting protocol for INTERBUS-Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFINET Supporting protocol for SafetyBUS p Supporting protocol for Other bus systems Radio standard Buletooth Radio standard SMA Radio standard GSM Radio s | Supporting protocol for MODBUS  |                              | No  |
| Supporting protocol for SUCONET  Supporting protocol for LON  Supporting protocol for SERGOS  Supporting protocol for PROFINET ID  Supporting protocol for PROFINET OB  Supporting protocol for PROFINET OB  Supporting protocol for FROFINET OB  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for Safetyat Work  Supporting protocol for INTERBUS-Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for TROFISEA  Supporting protocol for NoticeNet Safety  Supporting protocol for SafetyBUS 9  Supporting protocol for PROFISEA 5  Supporting protocol for PROFISEA 5  Supporting protocol for SafetyBUS 9  Supporting protocol for SafetyBUS 9  Supporting protocol for PROFISEA 5  Supporting protocol for PROFISE | Supporting protocol for Data-Highway  |                              | No  |
| Supporting protocol for SERCOS  Supporting protocol for PROFINET IO  Supporting protocol for PROFINET CBA  Supporting protocol for PROFINET CBA  Supporting protocol for FONDERINET CBA  Supporting protocol for EtherNeVIP  Supporting protocol for EtherNeVIP  Supporting protocol for DeviceNet Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for DeviceNet Safety  Supporting protocol for DeviceNet Safety  Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for  | Supporting protocol for DeviceNet   |                              | No  |
| Supporting protocol for SERCOS  Supporting protocol for PROFINET CBA  Supporting protocol for PROFINET CBA  Supporting protocol for PROFINET CBA  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for As-Interdace Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for DeviceNet Safety  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for SafetyBUS p  Supporting prot | Supporting protocol for SUCONET   |                              | No  |
| Supporting protocol for PROFINET CBA  Supporting protocol for Foundation Fieldbus  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for INTERBUS-Safety  Supporting protocol for PROFISATE  Supporting protocol for PROFISATE  Supporting protocol for PROFISATE  Supporting protocol for PROFISATE  Supporting protocol for SafetyBUS p  Supporting protocol for SafetyBUS p  Supporting protocol for OsafetyBUS p  Supporting protocol for SafetyBUS p  Supporting | Supporting protocol for LON   |                              | No  |
| Supporting protocol for PROFINET CBA  Supporting protocol for EtherNet/IP  Supporting protocol for EtherNet/IP  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for SafetyBUS Safety  Supporting protocol for SafetyBUS S | Supporting protocol for SERCOS  |                              | No  |
| Supporting protocol for Foundation Fieldbus  Supporting protocol for EtherNet/IP  Supporting protocol for Sa-Interface Safety at Work  Supporting protocol for DeviceNat Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for other bus systems  Adio standard Bluetooth  Radio standard WLAN 802.11  Radio standard WLAN 802.11  Radio standard GRS  Radio standard GRS  Radio standard UMTS  IO link master  IO link master  System accessory  Pes  Degree of protection (IP)  With potential separation  Fieldbus connection over separate bus coupler possible  Radii mounting foresible  Wall mounting/direct mounting  Front build in possible  No  Rod  Rod  Rod  Rod  Rod  Rod  Rod  | Supporting protocol for PROFINET IO   |                              | No  |
| Supporting protocol for EtherNet/IP  Supporting protocol for AS-Interface Safety at Work  Supporting protocol for DeviceNet Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for INTERBUS-Safety  Supporting protocol for PROFIsafe  Supporting protocol for SafetyBUS p  Supporting protocol for other bus systems  Radio standard Bluetooth  Radio standard WLAN 802.11  Radio standard WLAN 802.11  Radio standard GSM  Radio standard GSM  Radio standard UMTS  Rodio standard | Supporting protocol for PROFINET CBA  |                              | No  |
| Supporting protocol for AS-Interface Safety at Work Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety Supporting protocol for PROFIsafe Supporting protocol for SafetyBUS p Supporting protocol for Other bus systems Radio standard Bluetooth Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GSM Radio standard GSM Radio standard UMTS Rodio standard UMTS Ro | Supporting protocol for Foundation Fieldbus                                 |                              | No  |
| Supporting protocol for DeviceNet Safety Supporting protocol for INTERBUS-Safety No Supporting protocol for PROFIsafe No Supporting protocol for SafetyBUS p Supporting protocol for SafetyBUS p Supporting protocol for SafetyBUS p Supporting protocol for other bus systems No Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GPRS Radio standard UMTS No Radio standard UMTS No Radio standard UMTS No System accessory Ves Degree of protection (IP) With potential separation Fieldbus connection over separate bus coupler possible Rail mounting foresible Wall mounting/direct mounting Front build in possible No  | Supporting protocol for EtherNet/IP   |                              | No  |
| Supporting protocol for INTERBUS-Safety Supporting protocol for PROFISafe Supporting protocol for SafetyBUS p Supporting protocol for SafetyBUS p Supporting protocol for other bus systems Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GPRS Radio standard GPRS Radio standard UMTS Radio standard UMTS Rodio  | Supporting protocol for AS-Interface Safety at Work                         |                              | No  |
| Supporting protocol for PROFIsafe Supporting protocol for SafetyBUS p Supporting protocol for other bus systems Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GSM Radio standard GSM Radio standard UMTS Rodio standard UMTS Rodi | Supporting protocol for DeviceNet Safety                                    |                              | No  |
| Supporting protocol for SafetyBUS p Supporting protocol for other bus systems Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GPRS Radio standard GSM Radio standard UMTS Radio standard UMTS Rodio standard UM | Supporting protocol for INTERBUS-Safety                                     |                              | No  |
| Supporting protocol for other bus systems Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GPRS Radio standard GPRS Radio standard GSM Radio standard UMTS Rodio standard GPRS Rodio standard UMTS Rodio standard GPRS Rodio standard GPRS Rodio standard UMTS Rodio standard GPRS Rodio standard GPRS Rodio standard UMTS Rodio standard GPRS Rodio standard UMTS Rodio standard GPRS Rodio standar | Supporting protocol for PROFIsafe   |                              | No  |
| Radio standard Bluetooth Radio standard WLAN 802.11 Radio standard GPRS Radio standard GPRS Radio standard GSM Radio standard GSM Radio standard UMTS Rodio standard GPRS Rodio standard G | Supporting protocol for SafetyBUS p   |                              | No  |
| Radio standard WLAN 802.11 Radio standard GPRS Radio standard GSM Radio standard UMTS Rodio standard SMR Rodio standard UMTS Rodio standard SMR Rodio standard UMTS Rodio standard SMR  | Supporting protocol for other bus systems                                   |                              | No  |
| Radio standard GPRS Radio standard GSM Radio standard UMTS Rodio s | Radio standard Bluetooth  |                              | No  |
| Radio standard GSM Radio standard UMTS No IO link master No System accessory Yes Degree of protection (IP) With potential separation Fieldbus connection over separate bus coupler possible Rail mounting possible Wall mounting/direct mounting Front build in possible No  | Radio standard WLAN 802.11  |                              | No  |
| Radio standard UMTS  10 link master  System accessory  Degree of protection (IP)  With potential separation  Fieldbus connection over separate bus coupler possible  Rail mounting possible  Wall mounting/direct mounting  Front build in possible  No  No  No  No  No  No  No  No  No  N   | Radio standard GPRS   |                              | No  |
| IO link master  System accessory  Degree of protection (IP)  With potential separation  Fieldbus connection over separate bus coupler possible  Rail mounting possible  Wall mounting/direct mounting  Front build in possible  No  No  No   | Radio standard GSM  |                              | No  |
| System accessory  Degree of protection (IP)  With potential separation  Fieldbus connection over separate bus coupler possible  Rail mounting possible  Wall mounting/direct mounting  Front build in possible  Yes  No  | Radio standard UMTS   |                              | No  |
| Degree of protection (IP)  With potential separation  Yes  Fieldbus connection over separate bus coupler possible  Rail mounting possible  Wall mounting/direct mounting  Front build in possible  IP20  Yes  No  No   | IO link master  |                              | No  |
| With potential separation  Yes  Fieldbus connection over separate bus coupler possible  Rail mounting possible  Ves  Wall mounting/direct mounting  No  Front build in possible  No  | System accessory  |                              | Yes   |
| Fieldbus connection over separate bus coupler possible  Rail mounting possible  Wall mounting/direct mounting  Front build in possible  Yes  No  No  | Degree of protection (IP)   |                              | IP20  |
| Rail mounting possible  Wall mounting/direct mounting  No  Front build in possible  Yes  No  | With potential separation   |                              | Yes   |
| Wall mounting/direct mounting  No  Front build in possible  No   | Fieldbus connection over separate bus coupler possible                      |                              | Yes   |
| Front build in possible No   | Rail mounting possible  |                              | Yes   |
|  | Wall mounting/direct mounting   |                              | No  |
| Rack-assembly possible No  | Front build in possible   |                              | No  |
|  | Rack-assembly possible  |                              | No  |

| Suitable for safety functions         |   |    | No    |
|---------------------------------------|---|----|-------|
| Category according to EN 954-1        |   |    |       |
| SIL according to IEC 61508            |   |    | None  |
| Performance level acc. EN ISO 13849-1 |   |    | None  |
| Appendant operation agent (Ex ia)     |   |    | No    |
| Appendant operation agent (Ex ib)     |   |    | No    |
| Explosion safety category for gas     |   |    | None  |
| Explosion safety category for dust    |   |    | None  |
| Width                                 | m | nm | 50.6  |
| Height                                | m | nm | 114.8 |
| Depth                                 | m | nm | 74.4  |

### **Dimensions**

Dimensions

### Assets (links)

**Declaration of CE Conformity** 

00002416

Manuals

MN05002004Z\_DE (German) MN05002004Z\_EN (English)

## **Additional product information (links)**

| User manual XI/ON gateways for Profibus-DP MN05002004Z                   |  |  |
|--|--|--|
| Benutzerhandbuch XI/ON-Gateways für<br>Profibus-DP MN05002004Z - Deutsch | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002004Z_DE.pdf |  |
| User manual XI/ON gateways for Profibus-DP MN05002004Z - English         | ftp://ftp.moeller.net/DOCUMENTATION/AWB_MANUALS/MN05002004Z_EN.pdf |  |
| Technical Data   | http://ecat.moeller.net/flip-cat/?edition=HPLEN&startpage=14.111   |  |