

|                                                                                                   |                                                                                               |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Product-type designation</b>                                                                   | <b>RUGGEDCOM RX1500PN M12 4TX04</b>                                                           |
|                                                                                                   | RUGGEDCOM RX1500PN M12 4TX04 LINE MODULE M12<br>COPPER ETHERNET MODULES 4X 10/100TX 4-PIN M12 |
| <b>Suitability for installation</b>                                                               | <b>RX1500, RX1501, RX1510, RX1511, RX1512</b>                                                 |
| <b>Interfaces</b>                                                                                 |                                                                                               |
| Number of electrical/optical connections / for network components or terminal equipment / maximum | 4                                                                                             |
| Number of electrical connections / for network components or terminal equipment / maximum         | 4                                                                                             |
| Number of 10/100 Mbit/s M12 ports                                                                 | 4                                                                                             |
| Design of electrical connection                                                                   |                                                                                               |
| • for network components and terminal equipment                                                   | M12                                                                                           |
| <b>Permitted ambient conditions</b>                                                               |                                                                                               |
| Ambient temperature                                                                               |                                                                                               |
| • during operating                                                                                | -40 ... +85 °C                                                                                |
| • during storage                                                                                  | -40 ... +85 °C                                                                                |
| • during transport                                                                                | -40 ... +85 °C                                                                                |
| • Comment                                                                                         | For a period of 16 hours a maximum operating temperature of +85 Cel is possible               |
| Relative humidity / at 25 °C / without condensation / during operating / maximum                  | 95 %                                                                                          |
| Coating                                                                                           | no                                                                                            |
| Protection class IP                                                                               | IP40                                                                                          |
| <b>Design, dimensions and weight</b>                                                              |                                                                                               |
| Design                                                                                            | Media module                                                                                  |
| Net weight                                                                                        | 0.35 kg                                                                                       |
| Mounting type                                                                                     |                                                                                               |
| • Installation in media module slot                                                               | Yes                                                                                           |
| Mounting type                                                                                     | Screwed                                                                                       |
| <b>Standards, specifications, approvals</b>                                                       |                                                                                               |
| Standard                                                                                          |                                                                                               |
| • for EMC                                                                                         | FCC Part 15 (Class A), EN55022 (CISPR22 Class A)                                              |
| • for safety / of CSA and UL                                                                      | UL 60950-1, CSA C22.2 No. 60950-7                                                             |
| • for hazardous area / of CSA and UL                                                              | Hazardous Locations: Class 1 Division 2                                                       |
| • for emitted interference                                                                        | EN 61000-6-4 (Class A)                                                                        |
| • for interference immunity                                                                       | EN 61000-6-2                                                                                  |

#### Verification of suitability

- CE mark
- C-Tick
- KC approval
- E1 approval
- Railway application in accordance with EN 50155
- Railway application in accordance with EN 50124-1
- IEC 61850-3

EN 61000-6-2, EN 61000-6-10

Yes

No

No

No

Yes

Yes

Yes

#### Further Information / Internet Links

##### Internet-Link

- to website: Industry Mall/RUGGEDCOM-Selector  
<http://ruggedcom-selector.automation.siemens.com>
- to website: Industry Mall  
<http://www.siemens.com/industrial-controls/mall>
- to website: Selector for cables and connectors  
<http://www.siemens.com/snst>
- to website: Siemens RUGGEDCOM  
<http://siemens.com/ruggedcom>
- to website: Industrial communication  
<http://www.siemens.com/simatic-net>
- to website: Information and Download Center  
<http://www.siemens.com/automation/net/catalog>
- to website: Image database  
<http://automation.siemens.com/bilddb>
- to website: CAx Download Manager  
<http://www.siemens.com/cax>
- to website: Industry Online Support  
<http://support.automation.siemens.com>

#### letzte Änderung / last change:

Aug 9, 2014