

| Product-type designation                                                                          |                                                                                    |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>RUGGEDCOM RX1500PN LM FX53</b>                                                                 |                                                                                    |
|                                                                                                   | RUGGEDCOM RX1500PN LM FX53 LINE MODULE 4 X 100LX SFP SINGLEMODE, 1300 NM, LC, 50KM |
| Suitability for installation                                                                      |                                                                                    |
| <b>RX1500, RX1501, RX1510, RX1511, RX1512</b>                                                     |                                                                                    |
| Interfaces                                                                                        |                                                                                    |
| Number of electrical/optical connections / for network components or terminal equipment / maximum | 4                                                                                  |
| Number of optical connections / for network components or terminal equipment / maximum            | 4                                                                                  |
| Permitted ambient conditions                                                                      |                                                                                    |
| 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                                                                               |
| Design, dimensions and weight                                                                     |                                                                                    |
| Design                                                                                            | Media module                                                                       |
| Net weight                                                                                        | 0.35 kg                                                                            |
| Mounting type                                                                                     |                                                                                    |
| • Installation in media module slot                                                               | Yes                                                                                |
| Mounting type                                                                                     | Screwed                                                                            |
| Standards, specifications, approvals                                                              |                                                                                    |
| 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                                                                       | EN 61000-6-2, EN 61000-6-10                                                        |
| • CE mark                                                                                         | Yes                                                                                |
| • C-Tick                                                                                          | No                                                                                 |

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

No  
No  
Yes  
Yes  
Yes

#### Further Information / Internet Links

##### Internet-Link

- to website: Industry Mall/RUGGEDCOM-Selector
- to website: Industry Mall
- to website: Selector for cables and connectors
- to website: Siemens RUGGEDCOM
- to website: Industrial communication
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://ruggedcom-selector.automation.siemens.com>  
<http://www.siemens.com/industrial-controls/mall>  
<http://www.siemens.com/snst>  
<http://siemens.com/ruggedcom>  
<http://www.siemens.com/simatic-net>  
<http://www.siemens.com/automation/net/catalog>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<http://support.automation.siemens.com>

**letzte Änderung / last change:**

Aug 6, 2014