

product type designation

product description


MM991-2P (SC RJ)

XR-300 media module

SCALANCE X accessory; Media module MM991-2P; 2x 100 Mbit/s; SC RJ POF/ PCF ports; optical; POF up to max. 50 m, PCF up to max. 100 m



| interfaces | |
|---|--|
| number of electrical/optical connections / for network components or terminal equipment / maximum | 2 |
| number of optical interfaces / for network components or terminal equipment / maximum | 2 |
| number of 100 Mbit/s SC ports / for multimode / integrated | 0 |
| number of 100 Mbit/s SC-RJ-ports | 2 |
| design of the optical interface / for network components or terminal equipment | SC RJ |
| wavelength / of the optical interface | 650 nm; POF/PCF |
| connectable optical power relative to 1 mW | |
| <ul style="list-style-type: none"> of the transmitter output / minimum of the transmitter output / maximum of the receiver input / maximum | -8 dB -2 dB 1 dB |
| optical sensitivity relating to 1 mW / of the receiver input / minimum | 23 dB |
| attenuation factor / of the FOC transmission link / minimum necessary | 0 dB |
| range / at the optical interface / depending on the optical fiber used | 0.001 ... 0.1 km |
| ambient conditions | |
| ambient temperature | |
| <ul style="list-style-type: none"> during operation during storage during transport | -25 ... +40 °C -40 ... +85 °C -40 ... +85 °C |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| design, dimensions and weights | |
| design | Media module |
| width | 60 mm |
| height | 22 mm |
| depth | 100 mm |
| net weight | 0.08 kg |
| fastening method | latched |
| <ul style="list-style-type: none"> installation in media module slot | Yes |
| standards, specifications, approvals | |

| | |
|--|--|
| standard | |
| <ul style="list-style-type: none"> • for FM • for hazardous zone • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity | <p>FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4</p> <p>EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X</p> <p>UL 60950-1, CSA C22.2 No. 60950-1</p> <p>UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4</p> <p>EN 61000-6-4:2007 (Class A)</p> <p>EN 61000-6-2:2005</p> |
| certificate of suitability | EN 61000-6-2:2005, EN 61000-6-4:2007 |
| <ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> |
| Marine classification association | |
| <ul style="list-style-type: none"> • French marine classification society (BV) | Yes |
| MTBF | 230 y |
| further information / internet-Links | |
| Internet-Link | |
| <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support | <p>http://www.siemens.com/tia-selection-tool</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p> |
| last modified: | 6/25/2021  |