

Product-type designation **MM991-2 (SC)**

SCALANCE X ACCESSORY,
 MEDIA MODULE MM991-2,
 2 X 100MBIT/S SC-PORTS OPTICAL;
 MULTIMODE GLASS UP TO MAX. 3 KM



Transmission rate

Transfer rate / 1 100 Mbit/s

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum 2

Number of optical interfaces / for optical waveguide
 • at 100 Mbit/s 2

Design of optical interface / for optical waveguide
 • at 100 Mbit/s SC port (multimode up to 5 km)

Connectable optical power relative to 1 mW
 • of the transmitter output -19 ... -14 dB
 • of the receiver input / maximum -3 dB

Optical sensitivity relative to 1 mW / of the receiver input / minimum -34 dB

Attenuation / of fiber-optic cable transmission link / minimum necessary 0 dB

Range / at the optical interface / depending on the optical fiber used 0 ... 5 km

Permitted ambient conditions

Ambient temperature
 • during operating 0 ... 70 °C
 • during storage 0 ... 70 °C

• during transport	0 ... 70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight

Design	Media module
Width	60 mm
Height	22 mm
Depth	100 mm
Net weight	0.08 kg
Type of mounting	
• Installation in media module slot	Yes

Standards, specifications, approvals

Standard	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
• for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous area / of CSA and UL	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
• for emitted interference	EN 61000-6-4:2007 (Class A)
• for interference immunity	EN 61000-6-2:2005
Verification of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
• CE mark	Yes
• C-Tick	Yes
• KC approval	Yes

letzte Änderung: May 28, 2012