

Product-type designation **MM991-2LD**

SCALANCE X ACCESSORY,
 MEDIA MODULE MM991-2LD,
 2 X 100MBIT/S BFOC-PORTS OPTICAL;
 SINGLEMODE GLASS UP TO MAX. 26 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	ST port (singlemode up to 26 km)
Connectable optical power relative to 1 mW	
• of the transmitter output	-15 ... -8 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 ... 26 km

Permitted ambient conditions

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

<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Installation in media module slot 	Yes
Standards, specifications, approvals	
Standard	
<ul style="list-style-type: none"> for EMC / from FM 	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
<ul style="list-style-type: none"> for hazardous zone 	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
<ul style="list-style-type: none"> for safety / of CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> for emitted interference 	EN 61000-6-4:2007 (Class A)
<ul style="list-style-type: none"> for interference immunity 	EN 61000-6-2:2005
Verification of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007
<ul style="list-style-type: none"> CE mark 	Yes
<ul style="list-style-type: none"> C-Tick 	Yes
<ul style="list-style-type: none"> KC approval 	Yes
letzte Änderung:	May 28, 2012