



SIMATIC BusAdapter BA LC-LD/M12 1x LC-LD port, for single-mode fiber-optic cable, up to 20 km, 1x M12 socket, D-coded, PushPull

General information			
Product type designation		BA LC-LD / M12	
Interfaces			
Number of PROFINET interfaces		1; 2 ports (switch) LC-LD / M12	
Supports protocol for PROFINET IO			
● Number of LC ports		1; wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-LX	
● Number of M12 ports		1	
Cable length			
— Cu conductors		100 m	
— single-mode fiber-optic cable 9/125 µm		20 km; 10 km for topology or IRT configuration; min. transmit power -15 dB, min. receiver sensitivity -28 dB	
Standards, approvals, certificates			
Ecological footprint			
● environmental product declaration		Yes	
Global warming potential			
— global warming potential, (total) [CO2 eq]		27.1 kg	
— global warming potential, (during production) [CO2 eq]		1.35 kg	
— global warming potential, (during operation) [CO2 eq]		25.7 kg	
— global warming potential, (after end of life cycle) [CO2 eq]		-0.023 kg	
Ambient conditions			
Ambient temperature during operation			
● horizontal installation, min.		-30 °C	
● horizontal installation, max.		60 °C	
● vertical installation, min.		-30 °C	
● vertical installation, max.		50 °C	
Altitude during operation relating to sea level			
● Installation altitude above sea level, max.		5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200SP system manual	
Dimensions			
Width		20 mm	
Height		69.5 mm	
Depth		59 mm	
Weights			
Weight, approx.		45 g	
Classifications			
		eClass	Version
			Classification
		14	27-24-26-92

eClass	12	27-24-26-92
eClass	9.1	27-24-26-92
eClass	9	27-24-26-92
eClass	8	27-24-26-92
eClass	7.1	27-24-26-92
eClass	6	27-24-26-92
ETIM	10	EC002584
ETIM	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



[KC](#)



For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Miscellaneous](#)

For use in hazardous locations	Maritime application
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[Type Examination Certificate](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application	Environment
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[CCS \(China Classification Society\)](#)



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