



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			
<ul style="list-style-type: none">Number of LC ports	1; wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-LX		
<ul style="list-style-type: none">Number of M12 ports	1		
Cable length			
<ul style="list-style-type: none">Cu conductors	100 m		
<ul style="list-style-type: none">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			
<ul style="list-style-type: none">environmental product declaration	Yes		
Global warming potential			
<ul style="list-style-type: none">global warming potential, (total) [CO2 eq]	27.1 kg		
<ul style="list-style-type: none">global warming potential, (during production) [CO2 eq]	1.35 kg		
<ul style="list-style-type: none">global warming potential, (during operation) [CO2 eq]	25.7 kg		
<ul style="list-style-type: none">global warming potential, (after end of life cycle) [CO2 eq]	-0.023 kg		
Ambient conditions			
Ambient temperature during operation			
<ul style="list-style-type: none">horizontal installation, min.	-30 °C		
<ul style="list-style-type: none">horizontal installation, max.	60 °C		
<ul style="list-style-type: none">vertical installation, min.	-30 °C		
<ul style="list-style-type: none">vertical installation, max.	50 °C		
Altitude during operation relating to sea level			
<ul style="list-style-type: none">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			
		Version	Classification
	eClass	16	27-24-26-92

eClass	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](#)



General Product Approval

For use in hazardous locations



[FM](#)

[CCC-Ex](#)

For use in hazardous locations

Maritime application



[Miscellaneous](#)

[Type Examination Certificate](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment

[CCS \(China Classification Society\)](#)



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