



SIMATIC BusAdapter BA 2xM12, 2 x M12 push-pull sockets, D-coding, also suitable for standard M12

General information	
Product type designation	BA 2x M12
Interfaces	
Number of PROFINET interfaces	1; 2 ports (switch) 2x M12
Supports protocol for PROFINET IO	
• Number of M12 ports	2
Cable length	
— Cu conductors	100 m
Standards, approvals, certificates	
Ecological footprint	
• environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	1.14 kg
— global warming potential, (during production) [CO2 eq]	1.2 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.069 kg
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	-30 °C; No condensation
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C; No condensation
• 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	73.5 mm
Depth	59 mm
Weights	
Weight, approx.	59 g
Classifications	

	Version	Classification
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
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



General Product Approval **For use in hazardous locations**



[CCC-Ex](#)

[EM](#)

For use in hazardous locations **Maritime application**



[Type Examination Certificate](#)

[Miscellaneous](#)



[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application **Environment**

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

[KR \(Korean Register of Shipping\)](#)



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