



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](#)



For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)



For use in hazardous locations

Maritime application

[Miscellaneous](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application

Environment



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



last modified:

9/19/2025