



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

Approvals / Certificates

General Product Approval



General Product Approval

Test Certificates

Maritime application



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Maritime application

other



[Miscellaneous](#)

[Confirmation](#)

other

Railway

Environment



[Miscellaneous](#)

[Confirmation](#)

[Special Test Certificate](#)

[Environmental Confirmations](#)



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