



SIMATIC S7, Diagnostic repeaters for PROFIBUS DP, for online diagnostics of the PROFIBUS cable, DP standard slave up to 12 Mbit/s, Degree of protection IP20, FastConnect connection method

Supply voltage			
Rated value (DC)	24 V		
permissible range, lower limit (DC)	20.4 V		
permissible range, upper limit (DC)	28.8 V		
Power loss			
Power loss, typ.	4 W		
Interfaces			
PROFIBUS DP			
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s		
Degree and class of protection			
IP degree of protection	IP20		
Ambient conditions			
Ambient temperature during operation			
• min.	0 °C		
• max.	60 °C		
Ambient temperature during storage/transportation			
• min.	-40 °C		
• max.	70 °C		
Relative humidity			
• Operation, max.	95 %; at 25 °C		
connection method			
Design of electrical connection for supply voltage	Terminal module		
Design of electrical connection for PROFIBUS cables	FastConnect insulation displacement, 10 clamping cycles possible		
Dimensions			
Width	80 mm		
Height	125 mm		
Depth	67.5 mm		
Weights			
Weight, approx.	300 g		
Classifications			
		Version	Classification
	eClass	14	27-24-26-08
	eClass	12	27-24-26-08
	eClass	9.1	27-24-26-08
	eClass	9	27-24-26-08
	eClass	8	27-24-26-08
	eClass	7.1	27-24-26-08
	eClass	6	27-24-26-08

ETIM	9	EC001604
ETIM	8	EC001604
ETIM	7	EC001604
IDEA	4	3564
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval



General Product Approval	EMV	Test Certificates
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[Miscellaneous](#)



[Miscellaneous](#)



[Special Test Certificate](#)

[Miscellaneous](#)

Marine / Shipping	other
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[Miscellaneous](#)

other	Railway	Environment
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[Confirmation](#)

[Special Test Certificate](#)

[Confirmation](#)

[Environmental Confirmations](#)



[Environmental Confirmations](#)

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