



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

Approvals / Certificates

General Product Approval



EG-Konf.



[Miscellaneous](#)



CCC

[Manufacturer Declaration](#)

[China RoHS](#)

General Product Approval

EMV

For use in hazardous locations



UL



RCM



RCM



ATEX

[EM](#)



UL

For use in hazardous locations

Maritime application



IECEX



ATEX

[Miscellaneous](#)

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