

SIEMENS

Product data sheet

6ES7972-0AB01-0XA0


SIMATIC S7,
DIAGNOSIS-REPEATER FOR PROFIBUS DP,
FOR ONLINE PROFIBUS CABLE DIAGNOSTICS,
DP-STANDARD SLAVE TO 12MBIT/S,
DEGREE OF PROTECTION IP20,
FAST-CONNECT TECHNOLOGY

Supply voltage

24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V

Interfaces

Bus cables	FastConnect insulation displacement, 10 clamping cycles possible
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PROFIBUS DP

Transmission rate, max.	12 Mbit/s ; 9.6 kbit/s to 12 Mbit/s
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Ambient conditions

Operating temperature

Min.	0 °C
max.	60 °C

Storage/transport temperature

Min.	-40 °C
max.	70 °C

Relative humidity	
Operation, max.	95 % ; at 25 °C
Degree and class of protection	
IP20	Yes
Connection method	
Power supply	Terminal block
Dimensions	
Width	80 mm
Height	125 mm
Depth	67.5 mm
Weight	
Weight, approx.	300 g
Status	Nov 16, 2011