

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 |
| PROFIBUS DP | |
| Transmission rate, max. | 12 Mbit/s ; 9.6 kbit/s to 12 Mbit/s |
| Degree and class of protection | |
| IP20 | Yes |
| 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 |
| Connection method | |
| Power supply | Terminal block |
| Dimensions | |
| Width | 80 mm |
| Height | 125 mm |
| Depth | 67.5 mm |
| Weight | |
| Weight, approx. | 300 g |
| Status | Jul 17, 2012 |