



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                                                           |
| 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                                                            |
| last modified:                                      | 12/19/2020                                                       |