# 6GT2002-0HD00

**Communication module RF170C**

**Technical data**

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|---|---|
| **product type designation** | **RF170C communication module** |
| | RFID communication module RF170C for Installation in ET 200pro; Basic module for connection of 2 readers; without Connection block |
| suitability for operation | Dezentrale Peripherie ET 200pro together with RF200/300/600, MV400, MOBY D/E/I/U |
| transfer rate | |
| transfer rate / at the point-to-point connection / serial / maximum | 115.2 kbit/s |
| interfaces | |
| design of the interface / for point-to-point connection | RS422 via connection block |
| number of readers / connectable | 2 |
| type of electrical connection | |
| ● of the backplane bus | ET 200pro backplane bus |
| ● of the PROFIBUS interface | (according to the head module) |
| ● of Industrial Ethernet interface | (according to the head module) |
| ● for supply voltage | ET 200pro backplane bus |
| design of the interface / to the reader / for communication | Internal plug to the connection block |
| mechanical data | |
| material | Thermoplastic (Valox 467, fiberglass reinforced) |
| color | IP Basic 714 |
| tightening torque / of the screw for securing the equipment / maximum | 1.5 N·m |
| supply voltage, current consumption, power loss | |
| supply voltage | |
| ● at DC / rated value | 24 V |
| ● at DC | 20 ... 30 V |
| consumed current / at DC / at 24 V | |
| ● without connected devices / typical | 0.13 A |
| ● with connected devices / maximum | 1 A |
| ambient conditions | |
| ambient temperature | |
| ● during operation | -25 ... +55 °C |
| ● during storage | -40 ... +70 °C |
| ● during transport | -40 ... +70 °C |
| protection class IP | IP67 |
| shock resistance | According to IEC 61131-2 |
| shock acceleration | 300 m/s² |
| vibrational acceleration | 100 m/s² |
| design, dimensions and weights | |
| width | 90 mm |
| height | 130 mm |
| depth | 35 mm |
| net weight | 0.27 kg |
| mounting type | ET 200pro rack |
| wire length / for RS 422 interface / maximum | 1000 m |
| product features, product functions, product components / general | |
| display version | (see connection block) |
| product function / transponder file handler can be addressed | No |
| protocol / is supported | |
| ● S7 communication | Yes |
| product functions / management, configuration, engineering | |
| type of parameterization | HSP |
| type of programming | FB 45, FB 55 (FC 45/55 with limited functionality) |
| type of computer-mediated communication | acyclic communication |
| standards, specifications, approvals | |
| certificate of suitability | CE, FCC, cULus |
| MTBF | 129 y |
| accessories | |
| accessories | Connection block for RF170C |
| further information / internet-Links | |
| Internet-Link | |
| ● to website: Selector SIMATIC NET SELECTION TOOL | https://support.industry.siemens.com/cs/ww/en/view/67384964 |
| ● to website: Industrial communication | http://www.siemens.com/ident/rfid |
| ● to website: Industry Mall | https://mall.industry.siemens.com |
| ● to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| ● to website: Image database | http://automation.siemens.com/bilddb |
| ● to website: CAx Download Manager | http://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |
| security information | |
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