

product type designation



RF260R reader

-- spare part -- SIMATIC RF200 Reader RF260R; RS-232 interface (3964R); IP67, -25 to +70 °C; 75x 75x 40 mm; with integrated antenna.

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|--|---|
| product brand name | SIMATIC RF |
| suitability for operation | ISO 15693 Transponder (MDS Dxxx), for connecting to PC systems (3964R protocol) |
| radio frequencies | |
| operating frequency / rated value | 13.56 MHz |
| range / maximum | 135 mm; Range is dependent on transponder type: observe http://support.automation.siemens.com/WW/view/en/67384964 |
| protocol / with radio transmission | ISO 15693, ISO 18000-3 |
| transfer rate / with radio transmission / maximum | 26.5 kbit/s |
| product feature / multitag-capable | No |
| electrical data | |
| transfer rate / at the point-to-point connection / serial / maximum | 115.2 kbit/s |
| transmission time / for user data | |
| • for write access / per byte / typical | 0.6 ms |
| • for read access / per byte / typical | 0.6 ms |
| interfaces | |
| standard for interfaces / for communication | RS232 |
| type of electrical connection | M12, 8-pin |
| mechanical data | |
| material | PA6.6 |
| color | anthracite |
| tightening torque / of the screw for securing the equipment / maximum | 1.5 N·m |
| mounting distance / relating to metal surfaces / recommended / minimum | 0 mm |
| supply voltage, current consumption, power loss | |
| supply voltage / at DC | |
| • rated value | 24 V |
| • | 20.4 ... 28.8 V |
| consumed current / at DC | |
| • at 24 V / typical | 0.05 A |
| ambient conditions | |
| ambient temperature | |
| • during operation | -20 ... +70 °C |
| • during storage | -25 ... +80 °C |
| • during transport | -25 ... +80 °C |
| protection class IP | IP67 |
| shock resistance | EN 60721-3-7 Class 7 M2 |
| shock acceleration | 500 m/s ² |

| | |
|--|---|
| vibrational acceleration | 200 m/s ² |
| design, dimensions and weights | |
| width | 75 mm |
| height | 41 mm |
| depth | 75 mm |
| net weight | 0.2 kg |
| fastening method | 2 x M5 screws |
| wire length | |
| • with RS 232 interface / maximum | 30 m |
| product features, product functions, product components / general | |
| display version | 3-color LED |
| product feature / silicon-free | Yes |
| standards, specifications, approvals | |
| certificate of suitability | Radio according to R&TTE guidelines EN300 330 and EN 301489, FCC, cULus |
| certificate of suitability | |
| • IECEX | No |
| MTBF | 480 a |
| further information / internet links | |
| internet link | |
| • to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| • to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: CAx-Download-Manager | https://www.siemens.com/cax |
| • to website: Industry Online Support | https://support.industry.siemens.com |
| Approvals / Certificates | |
| General Product Approval | |



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| General Product Approval | EMV | Radio Equipment Type Approval Certificate | | Environment |
|--------------------------|-----|---|-------------------------------|-------------|
| | | Miscellaneous | Miscellaneous | |

last modified:

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