


product type designation



Antenna ANT 3S

RF300/RF200 antenna ANT 3 NO for connection to RF250R, RF350R and RF350M (GEN1) IP67, -25 to +70 °C, dimensions 50x 28x 10 mm for the transponders MDS D117, MDS D127, MDS D421, MDS D521.

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| suitability for operation | RF250R / RF300 with small transponders |
| radio frequencies | |
| transmission frequency / rated value | 13.56 MHz |
| electrical data | |
| type of electrical connection / of the antenna | M8, 4-pin |
| design of plug-in connection | female |
| mechanical data | |
| material | PA6 V0 |
| color | black |
| tightening torque / of the screw for securing the equipment / maximum | 1 N·m |
| mounting distance | 0 m |
| <ul style="list-style-type: none"> relating to metal surfaces / recommended / minimum | |
| ambient conditions | |
| ambient temperature | -25 ... +70 °C |
| <ul style="list-style-type: none"> during operation | |
| <ul style="list-style-type: none"> during storage | |
| <ul style="list-style-type: none"> during transport | -40 ... +85 °C |
| protection class IP | IP67 |
| shock resistance | according to EN 60721-3-7 Class 7M2 |
| shock acceleration | 500 m/s ² |
| vibrational acceleration | 200 m/s ² |
| design, dimensions and weights | |
| width | 28 mm |
| height | 50 mm |
| depth | 10 mm |
| net weight | 35 g |
| fastening method | 2 x M4 screws |
| standards, specifications, approvals | |
| certificate of suitability | CE, FCC, IC, cULus |
| certificate of suitability | Yes |
| <ul style="list-style-type: none"> IECEX | |
| <ul style="list-style-type: none"> for IECEX / as marking | the ATEX approval of the connected reader applies |
| reference code | TF |
| <ul style="list-style-type: none"> according to IEC 81346-2 | |
| <ul style="list-style-type: none"> according to IEC 81346-2:2019 | TFB |
| accessories | |

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| accessories | Antenna cable |
| further information / internet-Links | |
| Internet-Link <ul style="list-style-type: none"> ● to web page: selection aid TIA Selection Tool ● to website: Industrial communication ● to website: Industry Mall ● to website: Information and Download Center ● to website: Image database ● to website: CAx-Download-Manager ● to website: Industry Online Support | https://support.industry.siemens.com/cs/ww/en/view/67384964 http://www.siemens.com/ident/rfid https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com |
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