

product type designation

Antenna ANT 1

RF300/RF200 antenna ANT 1 PVC, IP65, -25...+70 °C, 75x 75x 20 mm, cable length 3 m.



suitability for operation

RF300 / RF200 / MOBY E

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

male

mechanical data

material

PA 12

color

Anthracite

tightening torque / of the screw for securing the equipment / maximum

2 N·m

mounting distance

- relating to metal surfaces / recommended / minimum

0.02 m

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-25 ... +70 °C

-40 ... +85 °C

-40 ... +85 °C

protection class IP

IP67

resistance to mechanical stress

no bending or torsion permitted

shock resistance

according to EN 60721-3-7 Class 7M2

shock acceleration

500 m/s²

vibrational acceleration

200 m/s²

design, dimensions and weights

width

75 mm

height

75 mm

depth

20 mm

net weight

225 g

fastening method

2 screws M5

wire length / of antenna cable

3 m

standards, specifications, approvals

certificate of suitability

CE, FCC, IC, cULus, Ex approval only together with 6GT2801-4AB10

certificate of suitability

- IECEx
- for IECEx / as marking

Yes

the ATEX approval of the connected reader applies

reference code / according to IEC 81346-2:2019

TFB

further information / internet links

internet link

- to web page: selection aid TIA Selection Tool

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

- 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

<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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