

### product type designation

**ANT 12 antenna stainless steel, without cable**

SIMATIC RF300/RF200 antenna ANT 12 stainless steel, -25...+70 °C, IP65, thread M12x1, length 40 mm; without connection cable.



### suitability for operation

RF250R / RF350R / RF350M

### 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

Stainless steel V2A

#### color

Silver

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

3 N·m

#### mounting distance

- relating to metal surfaces / recommended / minimum

0 m

### ambient conditions

#### ambient temperature

- during operation
- during storage
- during transport

-25 ... +70 °C

-40 ... +85 °C

-40 ... +85 °C

#### protection class IP

IP67

#### shock acceleration

500 m/s<sup>2</sup>

#### vibrational acceleration

200 m/s<sup>2</sup>

### design, dimensions and weights

#### depth

40 mm

#### diameter

12 mm

#### net weight

15 g

#### fastening method

2 x stainless steel nuts M12 x 1

### standards, specifications, approvals

#### certificate of suitability

CE, cULus

#### 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

### accessories

#### accessories

Antenna cable

### further information / internet links

#### internet link

- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to website: Industry Mall

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

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

- to website: Information and Download Center
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

<http://www.siemens.com/industry/infocenter>  
<http://automation.siemens.com/bilddb>  
<http://www.siemens.com/cax>  
<https://support.industry.siemens.com>

**last modified:**

8/29/2023 