

### Product-type designation

### RF620R ETSI reader



SIMATIC RF600 READER RF620R ETSI (865 ... 868 MHz);  
INTERFACE RS422 FOR TIA- INTEGRATION WITH  
INTEGRATED ANTENNA IP65,  
-25 UP TO +55 DGR/C (WITHOUT ACCESSORIES)

Suitability for installation

RF600 transponder, for connecting to communication modules

### Wireless frequencies

Operating frequency

865 ... 868 MHz

### Electrical data

Range / maximum

5 m

Protocol / for radio transmission

EPCglobal Class 1 Gen 2 / ISO 18000-6C

Transfer rate / with radio transmission / maximum

320 kbit/s

Product property / multitag-capable

Yes

Polarization

Circular

Transmission rate / at point-to-point connection / serial / maximum

115.2 kbit/s

Transmission time / for user data

- for write access / per byte / typical

6.3 ms

- for read access / per byte / typical

1 ms

### Interfaces

Design of the electrical connection

M12, 8-pin

Standard for interfaces / for communication

RS422

### Mechanical data

Material

Aluminum, ABS (GF20)

Color

Silver/pastel turquoise

Mounting distance / for metal surfaces / recommended / minimum

0 mm

## Supply voltage, current consumption, power loss

### Supply voltage / for DC

- rated value 24 V
- minimum 21.6 V
- maximum 30 V

### Consumed current / At 24 V / with DC

- typical 0.395 A
- maximum 0.47 A

## Permitted ambient conditions

### Ambient temperature

- during operating -25 ... +55 °C
- during storage -40 ... +85 °C
- during transport -40 ... +85 °C

### Protection class IP

IP65

### Resistance against shock

EN 60068-2-27, EN 60068-2-6

### Resistance against shock

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

### Resistance against vibration

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

## Design, dimensions and weight

### Width

193 mm

### Height

252 mm

### Depth

52 mm

### Net weight

1.85 kg

### Mounting type

4 x M6 screws, Vesa 100 with 4 x M4 screws

### Cable length

- for RS 422 interface / maximum 100 m

## Product properties, functions, components / general

### Type of display

3-color LED

### Product feature / silicon-free

Yes

## Standards, specifications, approvals

### Verification of suitability

Wireless acc. to R&TTE guideline, CE, IEC 60950

### MTBF

18 a

### letzte Änderung:

Aug 4, 2014