

Product-type designation

RF620R FCC reader



SIMATIC RF600 READER RF620R FCC (902 ... 928 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

902 ... 928 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/s²

Resistance against vibration

200 m/s²

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

MTBF

18 a

letzte Änderung:

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