

Product-type designation

RF670R FCC reader



SIMATIC RF600 READER RF670R FCC (902 ... 928 MHz);
INTERFACES: ETHERNET, 4 ANTENNAS,
4 DIG. INPUTS / 4 DIG. OUTPUTS,
24 V DC;
IP65, -25 UP TO +55 DGR/C;
WITHOUT ACCESSORY AND ANTENNAS

Suitability for installation

RF600 transponder, for connecting to Ethernet networks

Wireless frequencies

Operating frequency

902 ... 928 MHz

Transmit power

50 ... 1250 mW

Electrical data

Range / maximum

8 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

Transmission time / for user data

- for write access / per byte / typical

6.3 ms

- for read access / per byte / typical

1 ms

Interfaces

Number of external antennas

4

Design of the electrical connection

- for supply voltage

M12, 4-pin, female connector

Standard for interfaces / for communication

Ethernet

- for communications interface

Push-pull RJ45

- at the digital inputs/outputs

M12, 12-pin, female connector

Number of digital inputs

4

Number of digital outputs	4
Mechanical data	
Material	Aluminum, ABS (GF20)
Color	Silver/anthracite
Supply voltage, current consumption, power loss	
Supply voltage	
• for DC / rated value	24 V
• for DC	20 ... 30 V
Consumed current / At 24 V / with DC	
• typical	0.45 A
• maximum	2 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 ²
Resistance against vibration	200 m/s ²
Design, dimensions and weight	
Width	193 mm
Height	252 mm
Depth	52 mm
Net weight	1.8 kg
Mounting type	4 x M6 screws, Vesa 100 with 4 x M4 screws
Cable length	
• of antenna cable	
• minimum	1 m
• maximum	20 m
Product properties, functions, components / general	
Type of display	3-color LED
Product feature / silicon-free	Yes
Standards, specifications, approvals	
MTBF	14 a
Accessories	
Accessories	One or 4 external antennas
letzte Änderung:	Aug 4, 2014