

### Product type designation

### RF260R reader IO-Link

SIMATIC RF200 READER RF260R IO-LINK IO-LINK-INTERFACE;  
IP 67, -25 UP TO +70 DGR/C; 75 X 75 X 40 MM; WITH  
INTEGRATED ANTENNA 8 Byte IO; 38,4 kBit/s



### Wireless frequencies

Operating frequency / Rated value	13.56 MHz
-----------------------------------	-----------

### Electrical data

Range / maximum	135 mm; Range is dependent on transponder type: observe <a href="http://support.automation.siemens.com/WW/view/en/67384964">http://support.automation.siemens.com/WW/view/en/67384964</a>
Protocol / with radio transmission	ISO 15693, ISO 18000-3
Transfer rate / with radio transmission / maximum	26.5 kbit/s
Product feature / multitag-capable	No
Transfer rate / at the point-to-point connection / serial / maximum	38.4 kbit/s
Transmission time / for user data	
• for write access / per byte / typical	40 ms
• for read access / per byte / typical	40 ms

### Interfaces

Type of electrical connection	M12, 4-pin
-------------------------------	------------

### Mechanical data

Material	PA6.6
----------	-------

Color	anthracite
Tightening torque / of the screw for securing the equipment / maximum	1.5 N·m
Mounting distance / relating to metal surfaces / recommended / minimum	0 mm

#### Supply voltage, current consumption, power loss

Supply voltage	
<ul style="list-style-type: none"> <li>• at DC / Rated value</li> <li>• at DC</li> </ul>	24 V 20.4 ... 28.8 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	0.05 A

#### Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> <li>• during transport</li> </ul>	-20 ... +70 °C -25 ... +80 °C -25 ... +80 °C
Protection class IP	IP67
Shock resistance	EN 60721-3-7, Class 7 M2
Shock acceleration	500 m/s <sup>2</sup>
Vibrational acceleration	200 m/s <sup>2</sup>

#### Design, dimensions and weight

Width	75 mm
Height	41 mm
Depth	75 mm
Net weight	0.2 kg
Mounting type	2 x M5 screws
Wire length	
<ul style="list-style-type: none"> <li>• between master and IO-Link device / maximum</li> </ul>	20 m

#### Product properties, functions, components / general

Display version	3-color LED
Product feature / silicon-free	Yes

#### Standards, specifications, approvals

Certificate of suitability	Wireless according to R&TTE guidelines EN300 330 and EN 301489, FCC, UL/CSA
MTBF	480 y

#### Accessories

#### Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> <li>• to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/67384964">https://support.industry.siemens.com/cs/ww/en/view/67384964</a>

- 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>

**last modified:**

08/07/2017