

product type designation

RF260R reader IO-Link

SIMATIC RF200 reader RF260R IO-Link; IO-Link interface; IP67, -25 to +70 °C; 75x 75x 40 mm; with integrated antenna 8 Byte IO; 38.4 Kbps



suitability for operation

ISO 15693 transponder (MDS Dxxx), for connecting to IO-Link Master V1.0

radio frequencies

operating frequency / rated value	13.56 MHz
range / maximum	135 mm; Range is dependent on transponder type: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	ISO 15693, ISO 18000-3
transfer rate / with radio transmission / maximum	26.5 kbit/s
product feature / multitag-capable	No

electrical data

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
data volume / of the address range of the inputs / total	8 byte
data volume / of the address range of the outputs / total	8 byte

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	
• at DC / rated value	24 V
• at DC	20.4 ... 28.8 V
consumed current / at DC / at 24 V	
• typical	0.05 A
ambient conditions	
ambient temperature	
• during operation	-20 ... +70 °C
• during storage	-25 ... +80 °C
• during transport	-25 ... +80 °C
protection class IP	IP67
shock resistance	EN 60721-3-7 Class 7 M2
shock acceleration	500 m/s ²
vibrational acceleration	200 m/s ²
design, dimensions and weights	
width	75 mm
height	41 mm
depth	75 mm
net weight	0.2 kg
fastening method	2 x M5 screws
wire length	
• between master and IO-Link device / maximum	20 m
product features, product functions, product components / general	
display version	3-color LED
product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	Radio according to R&TTE guidelines EN300 330 and EN 301489, FCC, cULus
certificate of suitability	
• IECEx	No

MTBF

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further information / internet-Links

Internet-Link

- to website: Selector TIA Selection Tool
- 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

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

<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>

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