

product type designation

Antenna ANT 1

RF300/RF200 antenna ANT 1 PVC, IP65, -25...+70 °C, 75x 75x 20 mm, cable length 3 m.



product brand name	SIMATIC RF
Technical Product Detail Page	https://l.siemens.com/1P6GT2398-1CB00
suitability for operation	RF300 / RF200 / MOBY E
radio frequencies	
transmission frequency / rated value	13.56 MHz
electrical data	
type of electrical connection / of the antenna	M8, 4-pin
design of plug-in connection	male
mechanical data	
material	PA 12
color	Anthracite
tightening torque / of the screw for securing the equipment / maximum	2 N·m
mounting distance	
<ul style="list-style-type: none"> relating to metal surfaces / recommended / minimum 	0.02 m
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	-25 ... +70 °C -40 ... +85 °C -40 ... +85 °C
protection class IP	IP67
resistance to mechanical stress	no bending or torsion permitted
shock resistance	according to EN 60721-3-7 Class 7M2
shock acceleration	500 m/s ²
vibrational acceleration	200 m/s ²
design, dimensions and weights	
width	75 mm
height	75 mm
depth	20 mm
net weight	225 g
fastening method	2 screws M5
wire length / of antenna cable	3 m
standards, specifications, approvals	
certificate of suitability	CE, FCC, IC, cULus, Ex approval only together with 6GT2801-4AB10
certificate of suitability	
<ul style="list-style-type: none"> IECEX for IECEX / as marking 	Yes the ATEX approval of the connected reader applies
further information / internet links	

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to web page: RFID country approval
- to web page: identification and localization systems
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/rfid-approvals>
- <https://www.siemens.com/ident>
- <https://sieportal.siemens.com/>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

security information

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