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Data sheet 6GT2398-1CB00

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



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	
● relating to metal surfaces / recommended / minimum	0.02 m
ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-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/s²
vibrational acceleration	200 m/s²
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	
● IECEx	Yes
● for IECEx / as marking	the ATEX approval of the connected reader applies
reference code / according to IEC 81346-2:2019	TFB
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358

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● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to web page: RFID country approval	https://www.siemens.com/rfid-approvals
● to web page: identification and localization systems	https://www.siemens.com/ident
● to web page: SiePortal	https://sieportal.siemens.com/
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

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