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Data sheet 6GT2812-0AA00

product type designation	**Antenna RF660A 865-868 EU**
	SIMATIC RF600 antenna RF660A 865-868 EU for use in EUR IP67, -25 to +75 °C, without cable .



suitability for operation	SIMATIC RF600
radio frequencies	
transmission frequency	865 ... 868 MHz
antenna gain compared to spherical radiator	
● with circular radiation	7 dB
electrical data	
impedance	50 Ω
polarization	Circular
antenna gain compared to spherical radiator	
● with circular radiation	7 dB
standing wave ratio (VSWR) / maximum	2
radiating angle of the antenna	
● horizontal	60°
● vertical	60°
type of electrical connection / of the antenna	RP-TNC
design of plug-in connection	male
mechanical data	
material	PA 12
color	Pastel turquoise
mounting distance	
● relating to metal surfaces / recommended / minimum	0 m
ambient conditions	
ambient temperature	
● during operation	-25 ... +75 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP67
shock resistance	according to EN 60068-2-27
shock acceleration	300 m/s²
vibrational acceleration	1 m/s²
design, dimensions and weights	
width	313 mm
height	313 mm
depth	80 mm
net weight	1600 g
fastening method	4 screws M4 according to VESA 100, optional with articulated bracket by using antenna mounting kit
wire length / of antenna wire	0 m
product features, product functions, product components / general	

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product feature / silicon-free	Yes
standards, specifications, approvals	
certificate of suitability	CE (ETSI EN 302208)
certificate of suitability	
● IECEx	No
reference code / according to IEC 81346-2:2019	TFB
accessories	
accessories	Antenna cables 1 to 40 m
further information / internet-Links	
Internet-Link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

last modified: 11/3/2021

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