SIEMENS

Data sheet

6GK5895-6ML00-0AA0

product type designation

Antenna ANT895-6ML

ANT895-6ML GPS antenna Antenna with integrated signal amplifier incl. 0.3 m connection cable and N-Connect female connection; 3 dBi, IP67 (-40...+85 °C) Mounting with magnet or Screw mounting Observe national approvals; compact instructions as hard copy German/English; scope of delivery: 1x ANT 895-6ML.

subability for operation subability for subability		
type of satellite navigation system / is supported / GPS, GLONASS and Galleo Yes GLONASS and Galleo 1575.42 MHz electrical data 1575.42 MHz anterna gain compared to spherical radiator 3 dB; at 90° design of the signal amplifier / integrated two-stage, low noise supply voltage / from anterna cable 2.75 V type of voltage / form anterna cable 2.75 V type of voltage / form anterna cable 2.75 V type of voltage / form anterna cable 2.75 V type of voltage / form anterna cable 2.75 V type of voltage of the intermediate frequency filter dual high rejection SAW filter polarization 2 mA; at 5 V amplification 20 dB radiation characteristic GPS number of electrical connection / of the antenna 1 type of electrical connection / of the antenna 1 type of of upg-in connection female ambient conditions anatom andbert temperature • during operation - 40 +85 °C 1976 protection class IP IP67 design n	suitability for operation	GPS
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polarization Right hand circular radiation characteristic GPS number of electrical connection / of the antenna 1 type of electrical connection / of the antenna N-Connector design of plug-in connection female ambient conditions	amplification	20 dB
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• during operation -40 +85 °C protection class IP IP67 design of the overvoltage protection Integrated protection up to 15 KV design, dimensions and weights 45 mm width 45 mm height 51 mm depth 12 mm net weight 130 g fastening method Magnet or screw mounting fastening method 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals Yes	ambient conditions	
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width 45 mm height 51 mm depth 12 mm net weight 130 g fastening method Magnet or screw mounting fastening method No • directly on the device No wire length / of antenna cable 0.3 m product feature / silicon-free Yes standards, specifications, approvals Yes	design of the overvoltage protection	Integrated protection up to 15 KV
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net weight 130 g fastening method Magnet or screw mounting fastening method No • directly on the device No wire length / of antenna cable 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability Yes	height	51 mm
fastening method Magnet or screw mounting fastening method No • directly on the device No wire length / of antenna cable 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity	depth	12 mm
fastening method No • directly on the device No wire length / of antenna cable 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes	net weight	130 g
• directly on the device No wire length / of antenna cable 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity	fastening method	Magnet or screw mounting
wire length / of antenna cable 0.3 m product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes	fastening method	
product features, product functions, product components / general product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes	 directly on the device 	No
product feature / silicon-free Yes standards, specifications, approvals certificate of suitability • RoHS conformity Yes	wire length / of antenna cable	0.3 m
standards, specifications, approvals certificate of suitability • RoHS conformity Yes	product features, product functions, product components / general	
certificate of suitability • RoHS conformity Yes	product feature / silicon-free	Yes
RoHS conformity Yes	standards, specifications, approvals	
· · · · · · · · · · · · · · · · · · ·	certificate of suitability	
wireless approval Current national approvals can be found on the Internet under	RoHS conformity	Yes
	wireless approval	Current national approvals can be found on the Internet under

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reference code / according to IEC 81346-2:2019	TFB
urther 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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