

SIMATIC RF600

Product Data Sheet

6GT2810-3HC80

RF620T industrial UHF transponder

FUNCTION RF620T industrial UHF transponder	FAMILY SIMATIC RF600	ORIGIN Germany	WEIGHT 0.020 kg
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Siemens 6GT2810-3HC80 is a RF620T industrial UHF transponder for the SIMATIC RF600. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

RFID protocol	EPC Class 1 Generation 2
Air interface	ISO 18000 6C and 63
Frequency range	860 to 928 MHz
Chip type	NXP Ucode 7xm 2K
EPC memory	56 bytes
User memory	256 bytes
Maximum read range	Up to 5 m
Protection class	IP67
Transponder type	Passive EPC Class 1 Gen 2
Mounting condition	Metal mounting with specified spacer

ADDITIONAL PRODUCT DATA

Memory chip	NXP UCODE 7xm 2K
Operating temperature	Minus 40 to 85 °C
Read write cycles	Chip specification dependent
Labeling method	Optional laser marking
Industrial protection	Dust tight and water protected

OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

SYSTEM COMPATIBILITY

Match 6GT2810-3HC80 to the installed SIMATIC RF600, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official technical documentation for 6GT2810-3HC80](#)

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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