

SIEMENS SCALANCE

Product Data Sheet

6GK7542-5FX00-0XE0

PROFIBUS communication processor

FUNCTION PROFIBUS communication processor	FAMILY Siemens SCALANCE	ORIGIN Germany	WEIGHT 0.27 kg
---	-----------------------------------	--------------------------	--------------------------

Siemens SCALANCE 6GK7542-5FX00-0XE0 is a PROFIBUS communication processor for the Siemens SCALANCE. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

at the 1st interface / according to PROFIBUS	9.6 kbit/s ... 12 Mbit/s
for vertical installation / during operation	0 ... 40 °C
during storage	-40 ... +70 °C
Processor Designation	CP 1542-5
Controller Platform	SIMATIC S7-1500
Fieldbus	PROFIBUS DP
PROFIBUS Rate	9.6 kbit/s to 12 Mbit/s
PROFIBUS Interface	9-pin Sub-D RS485
DP Roles	DPV1 master or DP slave
Supply Voltage	15 V from backplane

ADDITIONAL PRODUCT DATA

Current Consumption	0.1 A typical
Power Loss	1.5 W
Protection Degree	IP20

OFFICIAL APPLICATIONS

- Paint shop and body transfer lines: Process Control Systems
- Ore conveying and screening stations: Plant Utility Systems
- Pulp washing and bleaching plants: Equipment Monitoring Systems

SYSTEM COMPATIBILITY

Match 6GK7542-5FX00-0XE0 to the installed Siemens SCALANCE, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

Local official manufacturer PDF: 6GK7542-5FX00-0XE0.pdf

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM