

Siemens

6DP1900-8AA

TELEPERM XP SYS 900 Monitoring Module

Siemens 6DP1900-8AA is the TELEPERM XP SYS 900 monitoring module for a FUM B subrack EU901 or an APF subrack EU910. It monitors the documented system position and is also identified as the core module in the 6DP1910-8AA00 installation set.

System position

Exact identity 6DP1900-8AA	System family TELEPERM XP FUM B / APF	Functional role System Monitoring Module	Release basis Recorded test and diagnostics
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Keep the hardware and configuration identities together

SYS 900 supervises its assigned TELEPERM XP subrack environment, with the receiving subrack, signal cable, supply arrangement and alarm path treated as one controlled assembly.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact model	6DP1900-8AA
Module designation	SYS 900
Hardware type	Monitoring module
System family	TELEPERM XP
Documented host	FUM B subrack EU901
Alternate host	APF subrack EU910

Technical evidence record: Corroborated exact-model SYS 900 and installation-set records

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Interfaces and integration

Define the installed role

SYS 900 supervises its assigned TELEPERM XP subrack environment, with the receiving subrack, signal cable, supply arrangement and alarm path treated as one controlled

Exact model	6DP1900-8AA
Module designation	SYS 900
Hardware type	Monitoring module

Map the host relationship

The complete 6DP1900-8AA identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	TELEPERM XP FUM B / APF
Primary role	system-status monitoring for a documented EU901 or
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded TELEPERM XP FUM B / APF position, connected interfaces and configuration

Acceptance evidence

Release 6DP1900-8AA only after diagnostics and a controlled functional result are recorded.

Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE	PARAMETER	VALUE
Exact model	6DP1900-8AA	Alternate host	APF subrack EU910
Module designation	SYS 900	Installation-set relation	Core module in 6DP1910-8AA00
Hardware type	Monitoring module	Companion items	Signal and power-supply cable set
System family	TELEPERM XP	Protection item in set	4 A circuit breaker and suppressor diode
Documented host	FUM B subrack EU901	Acceptance	Supply, alarm and monitored-subrack status

Identity decision

Accept only the complete 6DP1900-8AA marking and the recorded hardware execution.

Host decision

Confirm the receiving TELEPERM XP FUM B / APF position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of system-status monitoring for a documented EU901 or EU910 subrack before handover.

Engineering boundary

Use 6DP1900-8AA only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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Controls and service logic

EU901 subrack monitoring

Restores the SYS 900 supervision path in a FUM B cabinet.

EU910 APF monitoring

Supports the documented alternative APF subrack installation.

Installation-set service

Checks the monitoring module together with its signal and supply cable set.

Cabinet alarm recovery

Validates the SYS 900 alarm path after controlled power restoration.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 6DP1900-8AA and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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Engineering decisions

What does 6DP1900-8AA identify?

It identifies the SYS 900 monitoring module used in TELEPERM XP subrack installations.

Which FUM B host is documented?

Exact-model records name the EU901 subrack.

Which APF host is also documented?

The monitoring module is also listed for the EU910 APF subrack.

How is SYS 900 related to 6DP1910-8AA00?

6DP1900-8AA is the monitoring module included in that documented installation set.

Which companion parts matter during replacement?

The signal cable, supply cable set, protective device and suppressor arrangement must stay matched.

What should be recorded before disconnection?

Capture the host identity, every cable destination, supply protection and current SYS 900 indication.

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