

GSDML data for CM589-
PNIO (-XC) and CM589-
PNIO-4 (-XC) modules

AC500 Communication Modules

GSDML data for configuration
of CM589-PNIO (-XC) and
CM589-PNIO-4 (-XC)
communication modules with
third-party PROFINET IO
controllers



1. GSDML configuration data and related products

Part number	Type	Production Index	GSD Data to be used	GSDML version	CM firmware version	Release date
1SAP172900R0011 1SAP372900R0011	CM589-PNIO CM589-PNIO-XC	A1 -> A1 ->	GSDML-V2.41-ABB-CM589-PNIO-20210325.xml	V2.41	V1.6.2.20 or higher	2022.02.22
		A1 -> A1 ->	Previous version: GSDML-V2.32-ABB-S500-CM589-PNIO-20170510.xml	V2.32	V1.6.2.20 or higher	2017.11.16
1SAP172900R0111 1SAP372900R0111	CM589-PNIO-4 CM589-PNIO-4-XC	A1 -> A1 ->	GSDML-V2.41-ABB-CM589-PNIO-4-20210325.xml	V2.41	V1.6.2.20 or higher	2022.02.22
		A1 -> A1 ->	Previous version: GSDML-V2.32-ABB-S500-CM589-PNIO-4-20170510.xml	V2.32	V1.6.2.20 or higher	2017.11.16

Note that the functionality offered by GSDML files and communication modules depends also on firmware versions of standard and safety CPUs to which CM589-PNIO (-XC) and CM589-PNIO-4 (-XC) modules are attached.

- ☐ Refer to AC500 documentation and AC500-S Safety User Manual at www.abb.com/plc for more details.

GSDML files for various AC500 PROFINET IO device communication module can be downloaded from the ABB library or website www.abb.com/plc.

The file „3ADR010113_2.zip“ contains:

- ☐ GSDML-V2.41-ABB-CM589-PNIO-20210325.xml (CM589-PNIO or CM589-PNIO-XC)
- ☐ GSDML-V2.41-ABB-CM589-PNIO-4-20210325.xml (CM589-PNIO-4 or CM589-PNIO-4-XC)
- ☐ GSDML data file description and related products