

Selection of GSD Files for IS1 Remote I/O-Systems

Two different parameter sets are available for the IS1 Remote I/O-System. The optional use of DPV1 Diagnosis telegrams with Status Information was invented April 2008. The selection is made by using one of the associated GSD files.

1. Selection:

IS1 Parameter Set	PROFIBUS diagnosis according	GSD file	Documentation of the parameters
Standard	DPV0	Revisions V1.xx (File name: STA_049A.gse)	Operating Instruction 'Description of PROFIBUS DP Interface for IS1 field stations'
Extended	DPV0	Revisions V2.0x – V2.2x (File name: STA2049A.gse)	Operating Instruction 'Extended Parameter Set for IS1 Remote I/O-System'
	DPV1	Revisions from V3.00 (File name: STA3049A.gse)	Operating Instruction 'Description of PROFIBUS DPV1 Interface for IS1 field stations'

2. System requirements for use of the Extended Parameter Set of the IS1 Remote I/O System:

Hardware requirements:

- CPM 9440/12-01-11 (24V Z1 Stahl) as of Revision F
- CPM 9440/15-01-11 (24V Z2 Stahl) as of Revision F
- CPM 9440/22-01-11 (24V Z1 PNO) all Revisions
- CPM 9440/22-01-21 (230V Z1 PNO) all Revisions

Software requirements:

- IOM Firmware as of Revision 2.00
- GSD as of Revision V2.00
- CPM Firmware:

without I.S.Wizard	with I.S.Wizard V3.x.x and Service Bus	PROFIBUS features
as of Revision V01-30	as of Revision V01-32	DP V0
as of Revision V02-30	as of Revision V02-32	DP V0 + DP V1

IMPORTANT

If using older hardware or firmware versions, GSD files with Version V1.xx (less than V2.00) with Standard Parameter Set must be used with PROFIBUS DP.

3. System requirements for use of DPV1 conform Diagnosis telegrams with Status Information

Software requirements:

- IOM Firmware from Revision 2.00
- GSD from Revision V3.00
- CPM Firmware from Revision V0x-40
- **PROFIBUS class 1 master (PLC/DCS) must support DPV1 diagnosis telegrams !**



Support address

e-Mail:	R. Stahl Schaltgeräte GmbH
Support information:	Instrumentation Competence Centre
Service Hotline IS1:	support.instrumentation@stahl.de
Fax :	http://www.stahl.de
	+49 ((0)7942) 943-4123
	+49 ((0)7942) 943-40 4123