

Overview of encoder systems / I/O / Network of the ACOPOS product family

	Available
-	Not available Not planned Not supported by encoder system
	Planned but not yet available

	ACOPOS	ACOPOSmulti	ACOPOSremote	ACOPOS P3	ACOPOSmotor ¹⁾	ACOPOSmicro	ACOPOSinverter
Encoder system							
Resolver	8AC122.60-3	8BAC0122.000-1	-	8EAC0122.001-1 8EAC0122.003-1	-	80VD100PD.C022-01 80VD100PD.C022-14 80VD100PS.C02X-01 Integrated	8IOIFENC.402-1 ²⁾
EnDat 2.1	8AC120.60-1	8BAC0120.000-1 8BAC0125.000-1 8BVlxxxxxSA.xxxx Integrated	8CVlxxxExxxxx.xx-x Integrated	8EAC0152.00x-1	-	-	-
EnDat 2.2	8AC126.60-1	8BAC0120.001-2	-	8Elxxxxxx.xxxx-x Integrated 8EAC0150.00x-1	8Dxxxx.xxxxxxxx-1 Integrated	80VD100PD.C000-01 80VD100PD.C000-14 80VD100PS.C00X-01 Integrated	8IOIFENC.400-1 ²⁾
EnDat 2.2 / SIL 2 SafeMOTION	-	8BVlxxxxxxS.xxxx Integrated	-	8ElxxxxxSx.xxxx-x Integrated	8DlxxS.xxxxxxxx-x Integrated	-	-
HIPERFACE	8AC121.60-1	8BAC0121.000-1	8CVlxxxHxxxx.xx-x Integrated	8EAC0152.00x-1	-	80SD100XD.C011-01 Integrated	8IOIFENC.401-1 ²⁾
HIPERFACE DSL	-	-	-	8Elxxxxx1x.xxxx-x Integrated 8EAC0150.00x-1	-	-	-
HIPERFACE DSL SIL 2	-	-	-	8ElxxxxxSx.xxxx-x Integrated	-	-	-
BISS C	8AC125.60-1 8AC125.60-2 8AC125.61-2	8BAC0125.000-1	8CVlxxxExxxxx.xx-x Integrated	8Elxxxxxx.xxxx-x Integrated 8EAC0150.00x-1	-	-	-
T-Format	-	-	-	8Elxxxxxx.xxxx-x Integrated 8EAC0150.00x-1	-	-	-
SinCos - 1_{Vpp}	8AC120.60-1	8BAC124.000-1 8BVlxxxxxSA.xxxx Integrated	8CVlxxxExxxxx.xx-x Integrated	8EAC0152.00x-1	-	80VD100PD.C088-01 80VD100PS.C08X-01 Integrated	-
SinCos - 1_{Vpp} / Max. SIL 3 SafeMOTION	-	8BVlxxxxxSA.xxxx Integrated	-	-	-	-	-
LinMot	-	-	-	-	-	80VD100PD.C188-01 Integrated	-
SSI	8AC123.60-1 8AC125.60-1	8BAC0123.000-1 8BAC0125.000-1	8CVlxxxExxxxx.xx-x Integrated	8Elxxxxxx.xxxx-x Integrated 8EAC0150.00x-1	-	80VD100PD.C033-01 80VD100PS.C03X-01 80SD100XD.C033-01 Integrated	8IOIFENC.400-1 ²⁾
SinCos/SSI	8AC125.60-1	8BAC0125.000-1 8BVlxxxxxSA.xxxx-x	8CVlxxxExxxxx.xx-x Integrated	8EAC0152.00x-1	-	-	8IOIFENC.401-1 ²⁾
Incremental encoders	8AC123.60-1 8AC130.60-1	8BAC0123.001-1 8BAC0123.000-1 8BAC0123.002-1	-	8EAC0151.00x-1 8EAC013x.000-1	-	80VD100PD.C144-01 Integrated 80SD100XD.C044-01 80SD100XD.W044-01 80SD100XD.C04X-13 80SD100XS.C04X-01 80SD100XS.C04X-13 Integrated	8IOIFENC.403-1 ²⁾
Encoder emulation	8AC130.60-1 ³⁾	8BAC0130.00x-1 ³⁾ 8BAC0133.000-1 ⁴⁾	-	8EAC0130.000-1 8EAC0134.000-1	-	-	-
I/O							
Plug-in card / Digital I/O option board	8AC130.60-1 8AC131.60-1	8BAC0130.000-1 8BAC0130.001-1	-	8EAC0130.000-1 8EAC0134.000-1	-	-	-
Plug-in card / Analog I/O option board	8AC131.60-1	8BAC0132.000-1	-	8EAC0134.000-1	-	-	-
Network							
X2X	-	-	-	-	-	80SDxxxx.xxxx-xx Integrated	8I64*0X* integrated 8I66*0X* integrated
POWERLINK	8AC114.60-2	8BVlxxxxxxxx.xxxx Integrated	8CVlxxxExxxxx.xx-x Integrated	8Elxxxxxx.xxxx-x Integrated	8Dxxxx.xxxxxxxx-1 Integrated	80VDxxxx.xxxx-xx Integrated	8I66*0P* integrated 8I74*0P* integrated 8I76*0P* integrated 8I86*0P* integrated
CAN	8AC110.60-3 ⁵⁾	-	-	-	-	-	8I66*0C* integrated

- 1) Not relevant, integrated solution with EnDat 2.2.
- 2) Applies only to ACOPOSinverter 8I86
- 3) Encoder emulation up to 65 kHz signal frequency
- 4) Encoder emulation up to 1 MHz signal frequency
- 5) CAN networks up to ACP10 V2.99.9 are supported.