Compatibility Chart - Communications Protocol

IncOder™ Inductive Encoders and Ingenia Servo Drives

This chart shows the compatibility of the IncOder™ Series inductive encoders and Ingenia Servo Drives. Each box marked 'Y' indicates where position data can be interpreted by the servo drive. Should you wish to connect two or more encoder please check the Product Manual of each product.

Definitions for each IncOder™ Series protocol can be found in the IncOder™ Product Guide available on our website. If you need assistance or clarification on selecting a protocol or servo drive for your application, please contact your local Celera Motion representative.

	IncOder™ Communications Protocol	SSI1	SSI2	SSI3	SSI4	SSI5	SSI6	SSI7	SSI8	SSI9	SSI31	SSI32	BIS3	BIS31	ANALOGUE	ABZ1	ABZ2	ABZ3	ABZ4	ABZ5	ABZ6	ASI1	ASI2	ASI31	ASI32	SPI1	SPI31
Servo Drives	Product Line / Models																										
	EVEREST / XCR, NET, CORE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-
	EVEREST S / XCR, NET	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-
	EVEREST EXTENDED ENVIRONMENT / XCR, NET, CORE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-
	CAPITAN / XCR, NET, CORE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-
	DENALI / XCR, NET, CORE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	-	Y	Y	Y	Y	Y	Y	-	-	-	-	-	-

Recommended protocol

In the case of SSIx, please see the recommended options highlighted where the protocols are fully supported. Ingenia Servo Drives support the reading of the position information only, in all other SSIx marked cases.

In the case of ABZx incremental protocol options, Ingenia devices support such options providing the IncOder is powered from the drive directly (i.e. 5V from supply output); not if powered at a higher voltage. Please be aware of this if selecting ABZ5/6

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