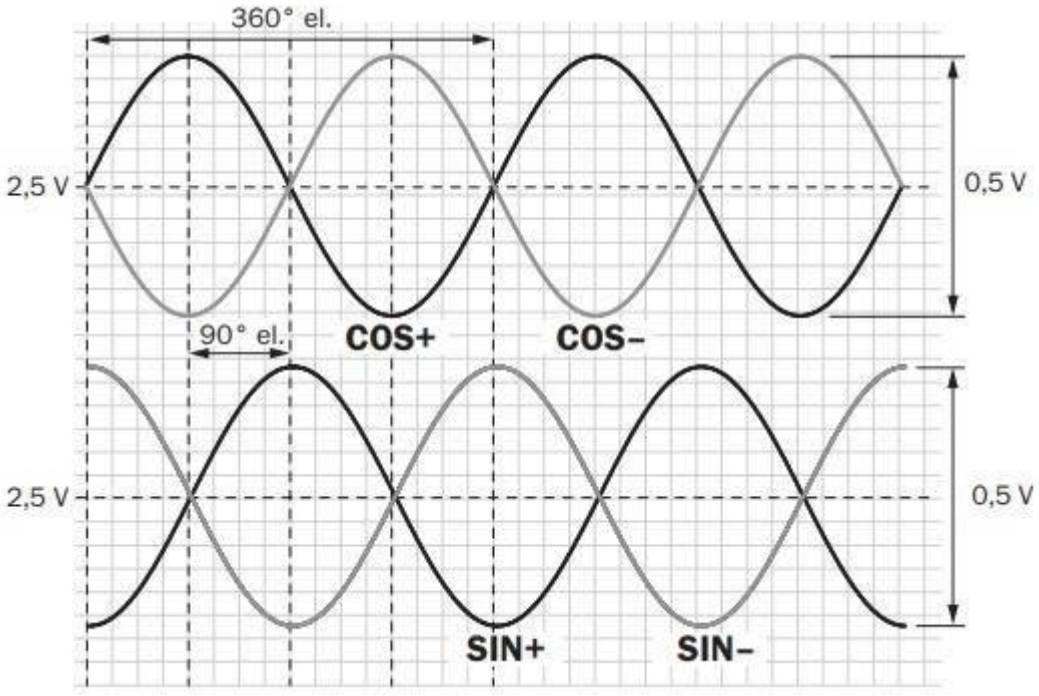
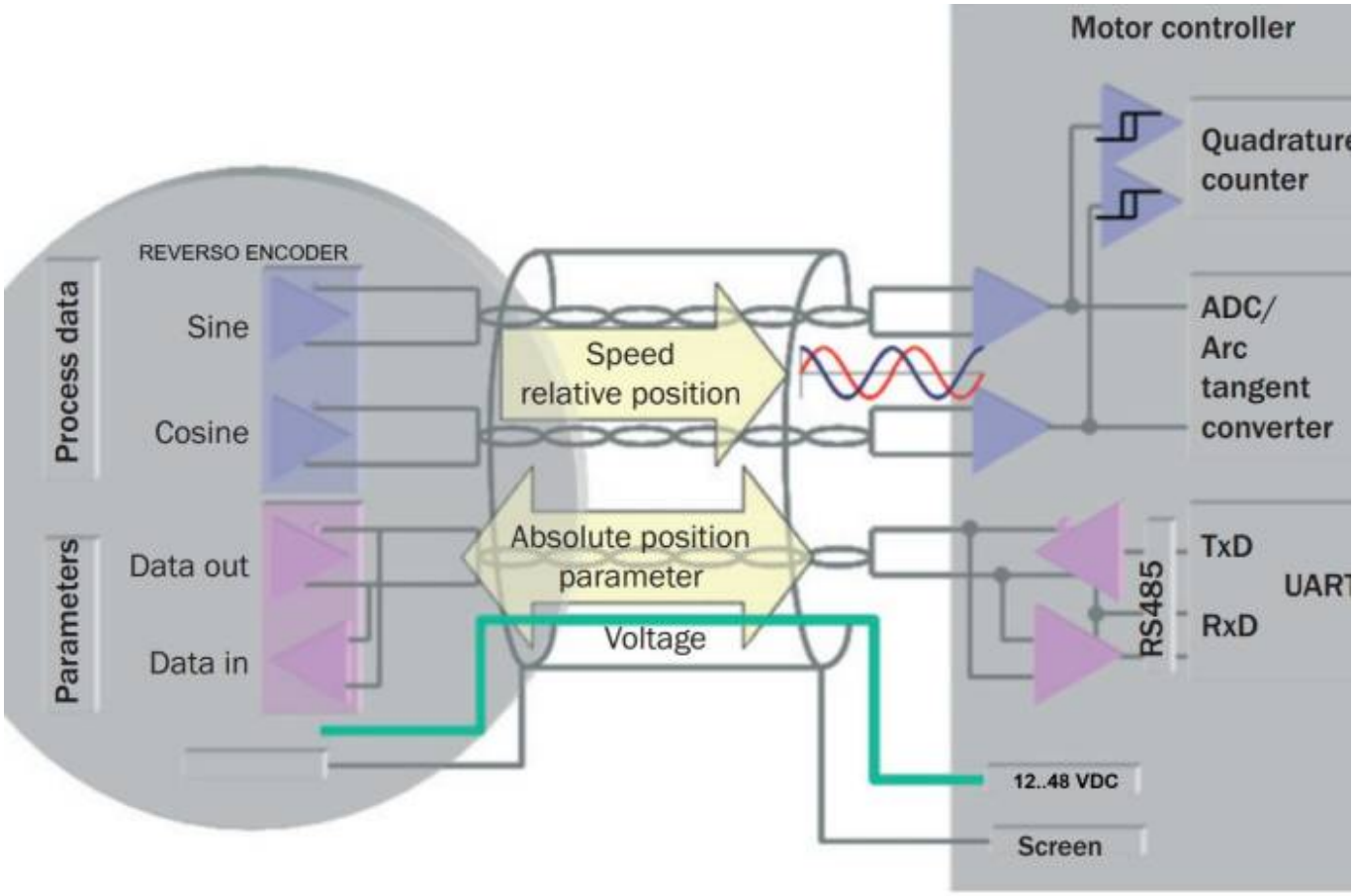
Technical Data

This page gives the **technical data** of the Reverso encoder. The table lists the electrical and performance parameters for the standard configuration.

Parameter	Value	Unit	Comment
SIN/COS 1Vpp period	32 / 16 / 8 / 4 / 2	mm	Programmable with MODBUS interface
Resolution of absolute position	1000 / 500 / 250 / 125 / 62.5	microns	Depending on the SIN/COS period
Repeatability	+/-15.6 / 7.8 / 3.9 / 1.9 / 0.97	microns	with a resolution of 12bit ADC on the drive side
Absolute accuracy	+/-156 / 78 / 39 / 19 / 9.7	microns	
Absolute position	5	bits	Hiperface decoding
Current consumption	0.6	A	
Power supply	24VDC	VDC	11V min, 24VDC nominal, 48V max

SIN/COS Output type





Notes on the data

- The **SIN/COS 1Vpp period** is programmable via the MODBUS interface (32, 16, 8, 4, or 2 mm). - The **resolution** and the **repeatability** depend on the selected SIN/COS period. - The encoder provides an **absolute position** (5 bits) via Hiperface decoding. - The power supply is 24 VDC nominal (11 V min, 48 V max); the current consumption is 0.6 A.

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