Connector pinout

This page gives the **connector pinout** of the Reverso encoder. The encoder uses an M17 connector with 12 pins; the table below shows the signal assignment, the wire color, and the corresponding DSUB9 pin for the standard cable.

The connector is M17 — 12 pins.



PIN N.	Signal name	Wires color	Description	DB9 pinout cable DE20000990
7	SIN-	Green	Negative Sine	6
8	SIN+	Yellow	Positive Sine	3
6	COS-	Orange	Negative Cosine	1
9	COS+	Gray	Positive Cosine	2
10	DATA+	Violet	RS485 A	4
11	CAN_H	Brown	CAN HIGH	-
12	DATA-	Blue	RS485 B	5
5	CAN_L	White	CAN LOW	-
2	12VDC	White/Brown	12VDC Output	-
3	GND	White/Black	Encoder Ground	8
4	GND	Black	Encoder Ground	7
1	24VDC	Red	Encoder Power Supply +24VDC	9

*Sin/Cos Period depending on the configuration

Wiring notes

- The M17 connector carries the SIN/COS signals, the RS485 data, the CAN bus, and the power supply. - Use the wire color coding shown to build or verify the cable. - The DB9 pinout refers to the standard cable **DE20000990**; verify the mating connector before connecting. - The SIN/COS period depends on the encoder configuration; set it according to the application.

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