Yes. Below is an example wiring of a Sigma II SGDH servo system as a master, wired to the external encoder input of the MP940 system. In this case the SGDH motors encoder is output on the 1CN connector as simulated encoder. The Encoder Output resolution from the SGDH can be changed or divided out by adjusting the PG Dividing Ration Parameter (Pn201).

SGDH Master (50 pin 1CN Connector)   **MP940 Slave (50 pin I/O Connector)**
Encoder output   Encoder Input
Pin 33 (PA0) --- Pin 4 (PA+)
Pin 34 (/PA0) -- Pin 5 (PA-)
Pin 35 (PB0) --- Pin 29 (PB+)
Pin 36 (/PB0) -- Pin 30 (PB-)
Pin 1 (SG) --- Pin 6 (Encoder GND)
Connect Shield to the outer shell ----------------- Shield should be unconnected on one side
** Note that this is a 5VDC level circuit.
** Refer to attached document below for shield termination recommendation

To perform position registration on the master encoder data, an external sensor will need to be attached to the MP940 via its I/O connector.

For more information on wiring connections and wiring techniques, please refer to the Sigma II Users manual and the attached MP940 I/O connection diagram.