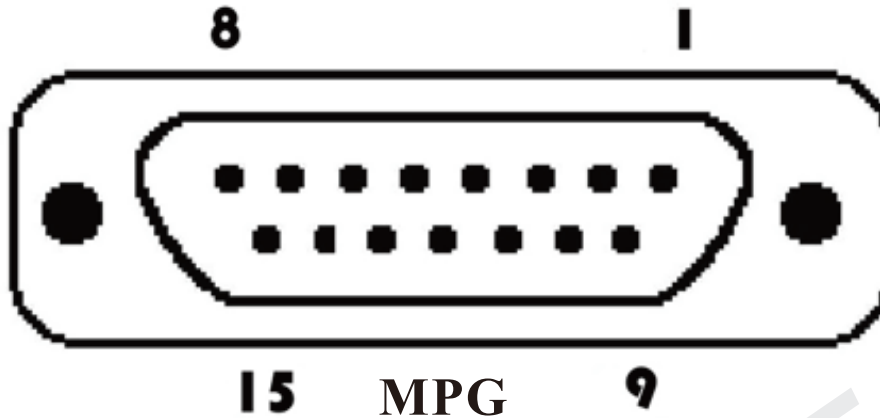## 5.5 Function Switch for MPG and Connection for MPG

As the Figure 5-1 showed, the marked No.5 is the DB15 interface for MPG output signals.

Please Note that the EC500 only support Standard MPG.



| PIN No. | Mark | Definition |
|---------|-------|-----------|
| 1 | T1OUT | TXD of Serial port |
| 2 | VMPG | Power supply + for MPG(5V) |
| 3 | WHA+ | A phase positive of the encoder |
| 4 | WHB+ | B phase positive of the encoder |
| 5 | XIN | X axis select input |
| 6 | ZIN | Z axis select input |
| 7 | X100IN | 100 rate select input |
| 8 | EP | Estop port |
| 9 | R1IN | RXD of Serial port |
| 10 | GND | Ground and common end |
| 11 | WHA- | A phase negative of the encoder |
| 12 | WHB- | B phase negative of the encoder |
| 13 | YIN | Y axis select input |
| 14 | AIN | A axis select input |
| 15 | X10IN | 10 rate select input6 |