KW-DP90 USER MANUAL

1,Red wire
2,Green wire
3,PG port
4,Profibus port
5,Terminal Blocks
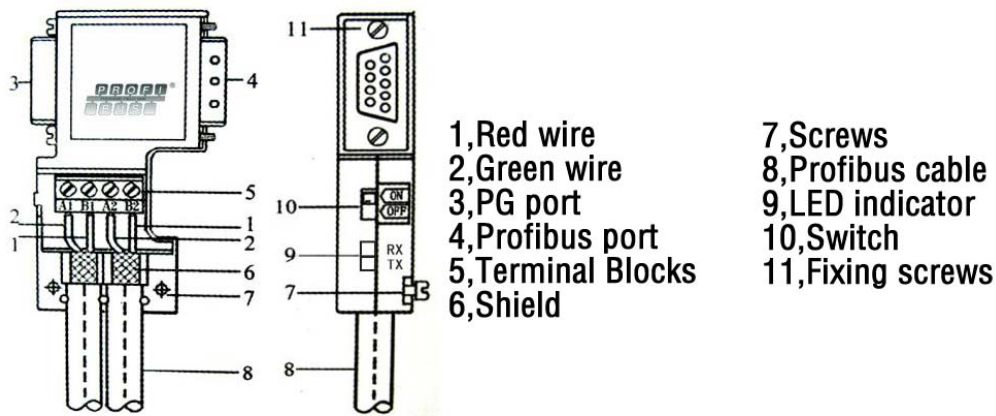6,Shield

7,Screws
8,Profibus cable
9,LED indicator
10,Switch
11,Fixing screws

(1) A1,B1 are the Profibus input wire terminal blocks, A2,B2 are the Profibus output wire terminal blocks.
(2) Switch is the termination resistors switch, when the connector is at the end of the Profibus, you should put the switch on.
(3) When the RX and TX indicator flashes, it means the connector is receiving or sending data. Otherwise, if the LEDs long-on/long-off, the network fault.
(4) Operating voltage(From DB9) DC 4.25V~5.25V, <10mA, max 32 connectors in the same network.
(5) Baud Rate:9600~12Mbit/s;　　Temperature -20 ~ 75 ℃; Dimensions: 70 * 39.5 * 16mm; Material: PC + flame retardant

  The diagnostic function can only work at the baud rate: 9600-3Mbit/s

A, Used in slave station:
(1) **RX**, **TX** flash: the communication is OK.
(2) **RX** long-on: there is some station in error state on the bus, the error station occupation of the bus, continuous transmission.
(3) **TX** long-on: this station is in error state and occupation of the bus, continuous transmission.
(4) **RX** long-off: Profibus break, short circuit or master station is in error state.
(5) **TX** long-off: station in error state; station number is wrong, not the same as master configuration;　GSD file error.

B, Used in master station:
(1) **RX, TX** flash: the communication is OK.
(2) **RX** long-on: there is some station in error state on the bus, the error station occupation of the bus, continuous transmission.
(3) **TX** long-on: this station is in error state and occupation of the bus, continuous transmission.
(4) **RX** long-off: this master station break with other slave station, or short circuit, or wrong configuration.
(5) **TX** long-off: this master station in error state, or the configuration is not finished.