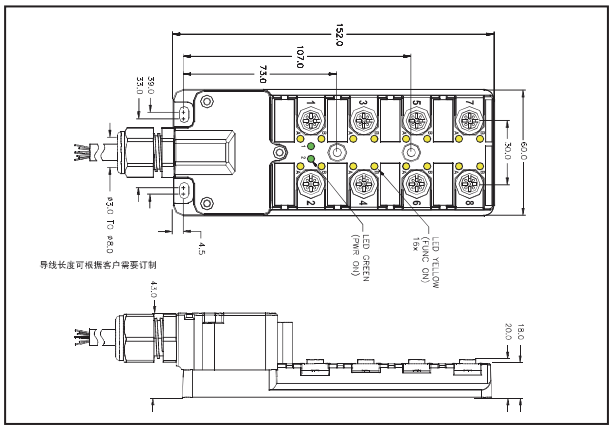
# M12 Actuator/Sensor Junction Box

8-port, With Homerun Cable,5m

8M12-5P2-5




- M12, 8-channel double signal
- Protection class IP65
- External PNP sensor signal
- With Homerun Cable,5m
- With on-site diagnosis function

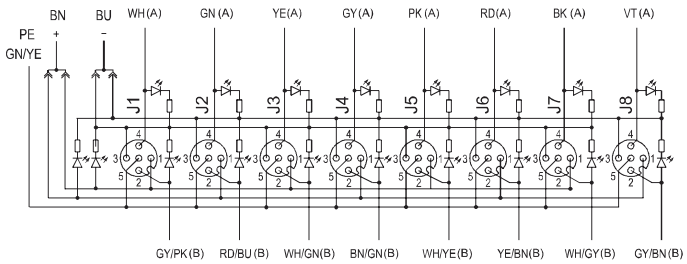
## Technical parameter

### Electrical parameter

| | |
|---|---|
| Rated voltage | 10...30VDC |
| Rated current | 10A |
| Current | 2 A per signal contact |
| The LED working current | 10mA per channel |
| Switching function | PNP |
| Ambient temperature range | -30...80℃ |
| Screw-in thread | PG9 |
| I/O port | M12 x 1 |
| Number of Pins | 5 |
| Display operating voltage | LED, green |
| Display switching state | LED, yellow |
| Housing material | Black Nylon |
| Contacts | Brass, Gold-plated |
| Seal | Viton（FPM） |
| Protection class | IP65, (screwed together) |

### Wiring diagram

PNP




8-port,double signal

| | | | | |
|---|---|---|---|---|
| PIN | J1-A | J2-A | J3-A | J4-A |
| Color | WH | GN | YE | GY |
| PIN | J5-A | J6-A | J7-A | J8-A |
| Color | PK | RD | BK | PL |
| PIN | J1-B | J2-B | J3-B | J4-B |
| Color | GY/PK | BL/RD | WH/GN | BN/GN |
| PIN | J5-B | J6-B | J7-B | J8-B |
| Color | WH/YR | YE/BN | WH/GY | BN/GY |
| PIN | +V | -V | PE | |
| Color | BN | BU | YE/GN | |