



*multibox*® *eurofast*® Junction Boxes, 8-Port

- Dual Input/Output Per Port
- Rugged Plastic Housing with Flush Connectors
- Available with or without LEDs
- M23 Quick Disconnect or Integral Home Run Cable

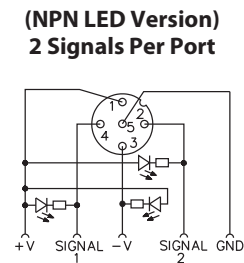
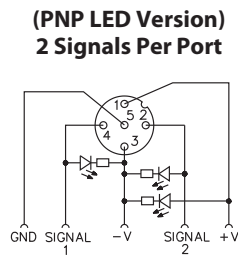
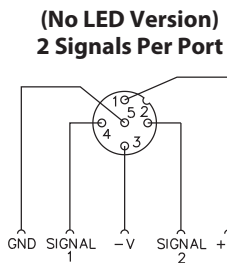


**8-port, 2-Signals per Port, 10-48 VDC**

| Application  | Specifications   | Pinout          |                    | No LEDs         | PNP LED            | NPN LED      |
|--|--|-----------------|--------------------|-----------------|--------------------|--------------|
| 8-port J-box<br>2 signals per port<br>Integral cable               | 3 A/port, 8 A total<br>Yellow PVC cable**<br>3x18 AWG,<br>16x22 AWG, foil<br>shield<br>and 22 AWG drain<br>**with PUR cable,<br>add /S90 | <u>Function</u> | <u>Color</u>       | <u>Function</u> | <u>Color</u>       |              |
|  |  | +V              | BN                 | Port 4, Sig 1   | GY                 | VB 80.5-*    |
| -V   | BU   | Port 4, Sig 2   | BN/GN              |                 |                    |              |
| Gnd  | GN/YE  | Port 5, Sig 1   | PK                 |                 |                    |              |
| Port 1, Sig 1  | Wh   | Port 5, Sig 2   | Wh/YE              |                 |                    |              |
| Port 1, Sig 2  | GY/PK  | Port 6, Sig 1   | RD                 |                 |                    |              |
| Port 2, Sig 1  | GN   | Port 6, Sig 2   | YE/BN              |                 |                    |              |
| Port 2, Sig 2  | RD/BU  | Port 7, Sig 1   | BK                 |                 |                    |              |
| Port 3, Sig 1  | YE   | Port 7, Sig 2   | Wh/GY              |                 |                    |              |
| Port 3, Sig 2  | Wh/GN  | Port 8, Sig 1   | VT                 |                 |                    |              |
|  |  | Port 8, Sig 2   | GY/BN              |                 |                    |              |
| 8-port J-box<br>2 signal per port<br><b>multifast</b><br>connector | 3 A/port, 8 A total<br>19-pin <b>multifast</b><br>connector<br>19 conductors<br>Mates with<br>CKM 19-19-*                                | <u>Function</u> | <u>Pin / Color</u> | <u>Function</u> | <u>Pin / Color</u> |              |
|  |  | +V              | 19 / BN            | Port 4, Sig 1   | 3 / GY             | VB 80.5-CS19 |
| -V   | 6 / BU   | Port 4, Sig 2   | 14 / BN/GN         |                 |                    |              |
| Gnd  | 12 / GN/YE   | Port 5, Sig 1   | 17 / PK            |                 |                    |              |
| Port 1, Sig 1  | 15 / Wh  | Port 5, Sig 2   | 9 / Wh/YE          |                 |                    |              |
| Port 1, Sig 2  | 7 / GY/PK  | Port 6, Sig 1   | 2 / RD             |                 |                    |              |
| Port 2, Sig 1  | 5 / GN   | Port 6, Sig 2   | 13 / YE/BN         |                 |                    |              |
| Port 2, Sig 2  | 4 / RD/BU  | Port 7, Sig 1   | 11 / BK            |                 |                    |              |
| Port 3, Sig 1  | 16 / YE  | Port 7, Sig 2   | 10 / Wh/GY         |                 |                    |              |
| Port 3, Sig 2  | 8 / Wh/GN  | Port 8, Sig 1   | 1 / VT             |                 |                    |              |
|  |  | Port 8, Sig 2   | 18 / GY/BN         |                 |                    |              |

\* Cable length in meters.

**Functional Wiring Diagrams**

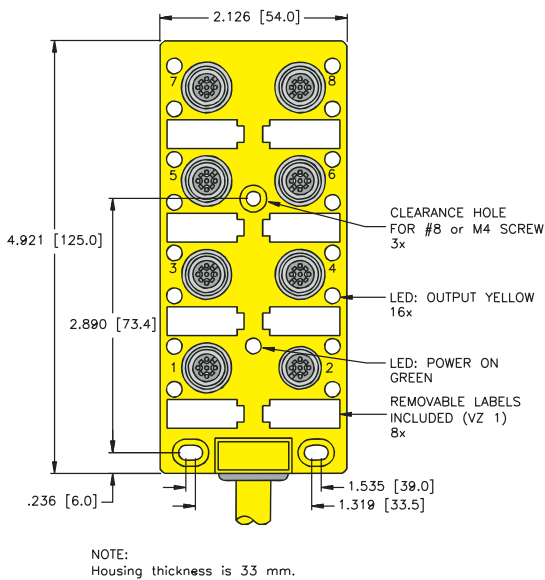


## Specifications

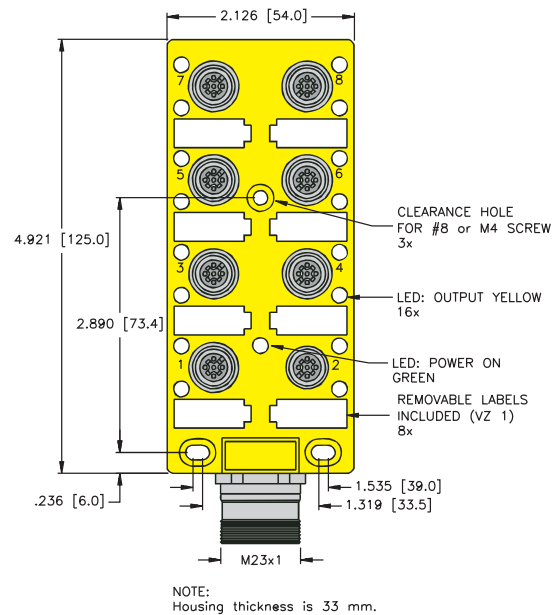
- Housing:** Nylon
- Connectors:** **eurofast**: Nylon or TPU
- Contacts:** Gold plated brass
- Thread Inserts:** Stainless Steel
- Cable:** See table
- Temperature:** -30°C to +80°C (-22°F to +176°F)
- Protection:** IEC IP67
- Accessories:** Includes (2) VZ 3 closure caps and a VZ 1 label kit (8 labels) included
- Recommended Splitter:** YB2-FSM 4.5-2 FKM 4.5/S1063

## Dimensions

**8-Port Integral Home Run Cable**



**8-Port with *multifast* Home Run Connector**



Multibox, eurofast

**Notes:**

- 1. For mating CKM cordsets. See *multifast* pages.

## Pinout

| Female                | Male                    |
|-----------------------|-------------------------|
|                       |                         |
| <b>5-pin eurofast</b> | <b>19-pin multifast</b> |