



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

- Single Input/Output per Port
- Rugged Plastic Housing
- Available with or without LEDs
- M23 Quick Disconnect or Integral Home Run Cable
- Threaded M12 Connection

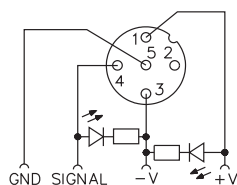
8-port, 1 Signal Per Port, 10-30 VDC

Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
8-port J-box 1 signal per port Integral cable	2 A/signal, 10 A total Yellow PVC cable 11/18 AWG, foil shield and 20 AWG drain with PUR cable, add /S90	Function +V -V Ground Port 1 Port 2 Port 3	Color BN BU GN / YE WH GN YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Color GY PK RD BK VT	8MB12Z-4-*	8MB12Z-4P2-*	8MB12Z-4N2-*
8-port J-box 1 signal per port multifast connector	2 A/signal, 9 A total 12-pin multifast connector 11 conductors Mates with CKCM 12-11-*	Function +V -V Ground Port 1 Port 2 Port 3	Pin / Color 11 / BN 10 / BU 12 / GN / YE 1 / WH 2 / GN 3 / YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Pin / Color 4 / GY 5 / PK 6 / RD 7 / BK 8 / VT	8MB12Z-4-CS12	8MB12Z-4P2-CS12	8MB12Z-4N2-CS12
8-port J-box 1 signal per port multifast , side exit connector	2 A/signal, 9 A total 12-pin multifast connector 11 conductors Mates with CKCM 12-11-*	Function +V -V Ground Port 1 Port 2 Port 3	Pin / Color 11 / BN 10 / BU 12 / GN / YE 1 / WH 2 / GN 3 / YE	Function Port 4 Port 5 Port 6 Port 7 Port 8	Pin / Color 4 / GY 5 / PK 6 / RD 7 / BK 8 / VT	8MB12Z-4-CS12H	8MB12Z-4P2-CS12H	8MB12Z-4N2-CS12H

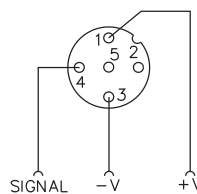
* Cable length in meters.

Functional Wiring Diagrams

**(PNP LED Version)
1 Signal Per Port**



**(No LED Version)
1 Signal Per Port**

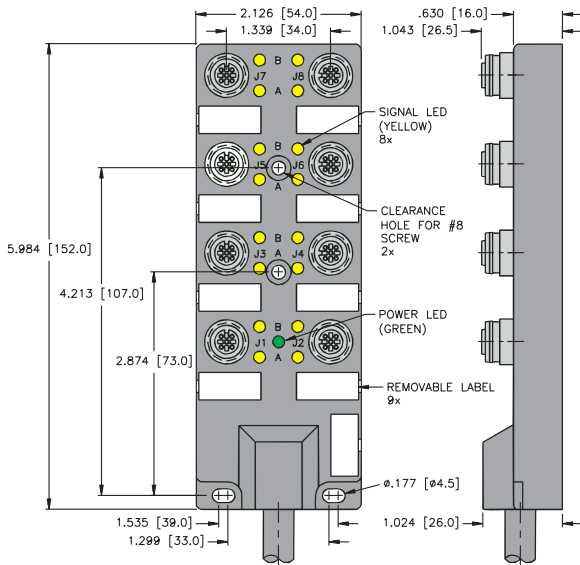


Specifications

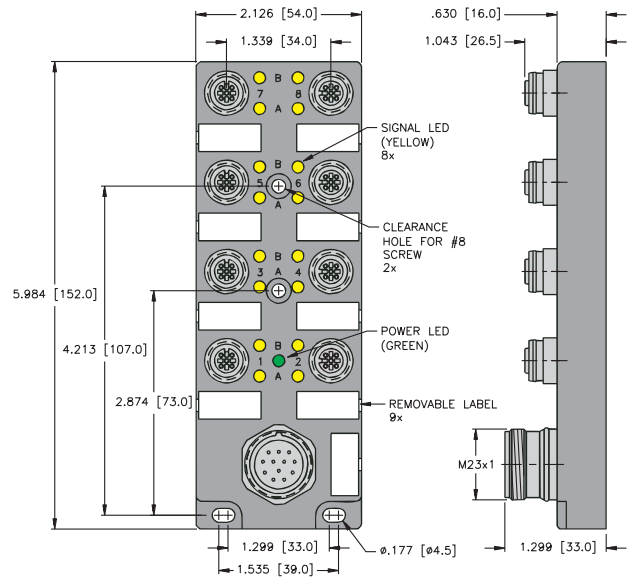
- Housing:** Nylon
- Connectors:** **euromast**: Nylon or TPU
- Contacts:** Gold plated brass
- Thread Inserts:** Nickel plated brass
- Cable:** See table
- Temperature:** -30°C to +80°C (-22°F to +176°F)
- Protection:** IEC IP67
- Accessories:** (2) VZ 3 closure caps and a VZ 12 label kit (9 labels), included
- Cable Length:** Standard length is nominal 5 meters. Other lengths available by request - Consult factory

Dimensions

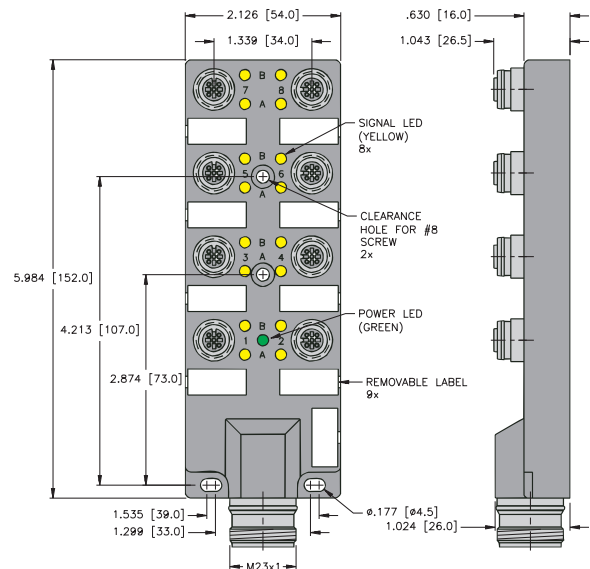
8-Port with Integral Home Run Cable



8-Port Quick Disconnect



8-Port with Side Connector



Pinout

Female	Male
5-Pin euromast	12-pin multifast

Multibox, euromast