

# Junction Box Connectivity Products

## Multibox® Eurofast® Junction Boxes, 4-Port, Metal

- Single Input/Output per Port
- Metal Housing with Side Connectors
- For DC Sensors and Actuators
- M23 Quick Disconnect, Minifast® Connector, or Integral Home Run Cable
- Available with or without LEDs



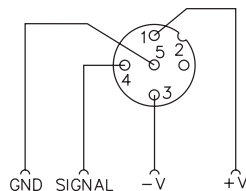
### 4-Port, 1 Signal per Port, 10-48 VDC

Application	Specifications	Pinout				Spring Clamp	Screw Terminals
4-port J-box 1 signal per port Metal box Integral cable	4 A/port, 10 A total Yellow PVC cable 7x18 AWG foil shield and 20 AWG drain	<u>Function</u> +V -V Ground	<u>Color</u> BN BU GN / YE	<u>Function</u> Port 1 Port 2 Port 3 Port 4	<u>Color</u> WH GN YE GY	VBM 40-*	VBM 40-P7X5-*
4-port J-box 1 signal per port Metal box Multifast® connector	4 A/port, 8 A total 12-pin Multifast connector 7 conductors. Mates with CKM 12-7-*	<u>Function</u> +V -V Ground	<u>Pin / Color</u> 1 / BN 3 / BU 12 / GN / YE	<u>Function</u> Port 1 Port 2 Port 3 Port 4	<u>Pin / Color</u> 4 / WH 6 / GN 7 / YE 8 / GY	VBM 40-CS12	VBM 40-P7X5-CS12
4-port J-box 1 signal per port, Metal box Minifast connector	4 A/port, 7 A total 12-pin Minifast connector 7 conductors. Mates with RKM 126-*M CSA Certified	<u>Function</u> +V -V Ground Port 1 Port 2	<u>Pin / Color</u> 10 / RD 11 / WH 12 / BK 1 / OG 2 / BU	<u>Function</u> Port 3 Port 4	<u>Pin / Color</u> 3 / WH/BK 4 / RD/BK	VBM 40-RSF120	VBM 40-P7X5-RSF120

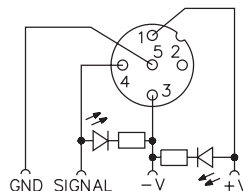
We reserve the right to make technical alterations without prior notice.

### Functional Wiring Diagrams

(No LED Version)  
1 Signal per Port



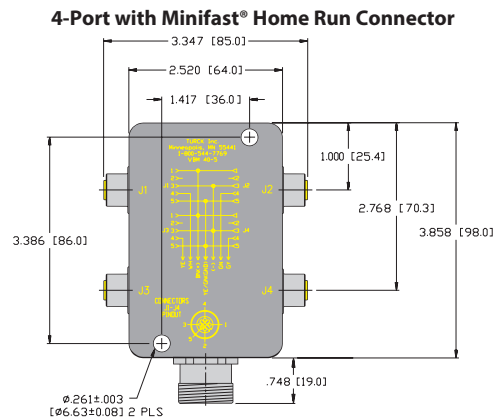
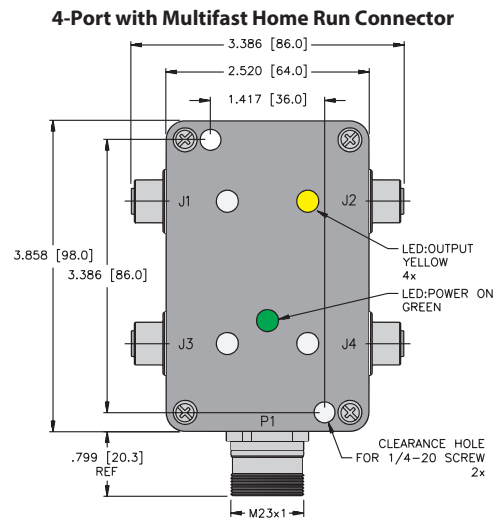
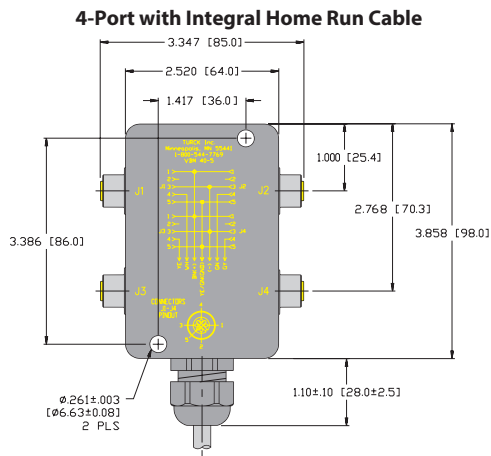
(PNP LED Version)  
1 Signal per Port



### Specifications

<b>Housing:</b>	Die-cast aluminum alloy	<b>Temperature:</b>	-40 °C to +90 °C (-40 °F to +194 °F)
<b>Connectors:</b>	Eurofast: Nylon or TPU	<b>Protection:</b>	IEC IP67
<b>Contacts:</b>	Gold plated brass	<b>Accessories:</b>	(2) VZ 3 closure caps included
<b>Thread Inserts:</b>	Nickel plated brass	<b>Cable Length:</b>	Standard length for junction boxes and Multifast® series quick disconnect cordsets is nominal 5 meters Other lengths available by request. Consult factory
<b>Cable:</b>	See table		

### Dimensions



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#### Notes

1. For mating CKM cordsets. See Multifast pages.
2. For mating RKM cordsets. See Minifast pages.

#### Pinout

5-Pin Eurofast	12-Pin Multifast	12-pin Minifast
Female	Male	Male

multibox®, eurofast®