



*multibox*® *eurofast*® Junction Boxes, 4-Port

- Single Input/Output Per Port
- Rugged Plastic Housing with Flush Connectors
- Available with or without LEDs
- M23 Quick Disconnect, *minifast* Connector, or Integral Home Run Cable

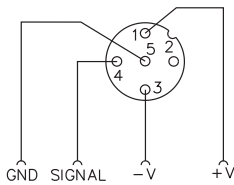


**4-port, 1-Signal per Port, 10-48 VDC**

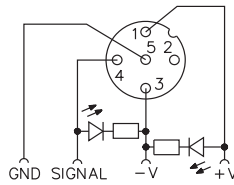
Application	Specifications	Pinout	No LEDs	PNP LED	NPN LED																				
4-port J-box 1 signal per port Integral cable	4 A/port, 10 A total Yellow PVC cable** 7x18 AWG foil shield and 20 AWG drain **with PUR cable, add /S90	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Color</u></td> <td><u>Function</u></td> <td><u>Color</u></td> </tr> <tr> <td>+V</td> <td>BN</td> <td>Port 1</td> <td>WH</td> </tr> <tr> <td>-V</td> <td>BU</td> <td>Port 2</td> <td>GN</td> </tr> <tr> <td>Gnd</td> <td>GN/YE</td> <td>Port 3</td> <td>YE</td> </tr> <tr> <td></td> <td></td> <td>Port 4</td> <td>GY</td> </tr> </table>	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	+V	BN	Port 1	WH	-V	BU	Port 2	GN	Gnd	GN/YE	Port 3	YE			Port 4	GY	VB 40-*	VB 40-P7X5-*	VB 40-N7X5-*
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4-port J-box 1 signal per port <b>multifast</b> connector	4 A/port, 7 A total 12-pin <b>multifast</b> connector 7 conductors Mates with CKM 12-7-*	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Pin / Color</u></td> <td><u>Function</u></td> <td><u>Pin / Color</u></td> </tr> <tr> <td>+V</td> <td>1 / BN</td> <td>Port 1</td> <td>4 / WH</td> </tr> <tr> <td>-V</td> <td>3 / BU</td> <td>Port 2</td> <td>6 / GN</td> </tr> <tr> <td>Gnd</td> <td>12 / GN/YE</td> <td>Port 3</td> <td>7 / YE</td> </tr> <tr> <td></td> <td></td> <td>Port 4</td> <td>8 / GY</td> </tr> </table>	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	+V	1 / BN	Port 1	4 / WH	-V	3 / BU	Port 2	6 / GN	Gnd	12 / GN/YE	Port 3	7 / YE			Port 4	8 / GY	VB 40-CS12	VB 40-P7X5-CS12	VB 40-N7X5-CS12
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4-port J-box 1 signal per port, <b>minifast</b> connector	4 A/port 9 A total 6-pin <b>minifast</b> connector 6 conductors Mates with RKM 61-*M	<table border="0"> <tr> <td><u>Function</u></td> <td><u>Pin /Color</u></td> <td><u>Function</u></td> <td><u>Pin / Color</u></td> </tr> <tr> <td>+V</td> <td>6 / BN</td> <td>Port 1</td> <td>2 / WH</td> </tr> <tr> <td>-V</td> <td>3 /BU</td> <td>Port 2</td> <td>1 / GN</td> </tr> <tr> <td></td> <td></td> <td>Port 3</td> <td>5 / YE</td> </tr> <tr> <td></td> <td></td> <td>Port 4</td> <td>4 / GY</td> </tr> </table>	<u>Function</u>	<u>Pin /Color</u>	<u>Function</u>	<u>Pin / Color</u>	+V	6 / BN	Port 1	2 / WH	-V	3 /BU	Port 2	1 / GN			Port 3	5 / YE			Port 4	4 / GY	VB 40-B1161	VB 40-P7X5-B1161	VB 40-N7X5-B1161
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**Functional Wiring Diagrams**

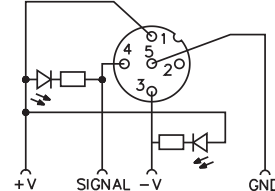
**(No LED Version)  
1 Signal Per Port**



**(PNP LED Version)  
2 Signals Per Port**



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

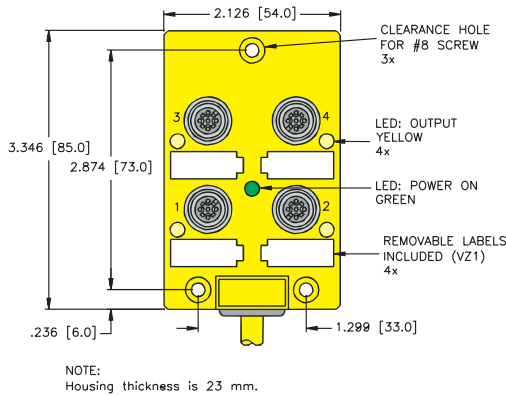


**Specifications**

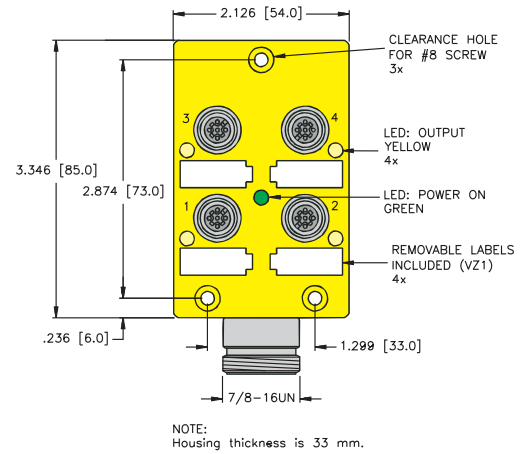
- Housing:** Nylon
- Connectors:** **euromast**: Nylon or TPU
- Contacts:** Gold plated brass
- Thread Inserts:** Stainless Steel
- Cable:** See table
- Temperature:** -30°C to +80°C (-22°F to +176°F)
- Protection:** IEC IP67
- Accessories:** Includes (2) VZ 3 closure caps and a VZ 1 label kit (8 labels) included
- Cable Length:** Standard length is nominal 5 meters. Other lengths available upon request - Consult factory

**Dimensions**

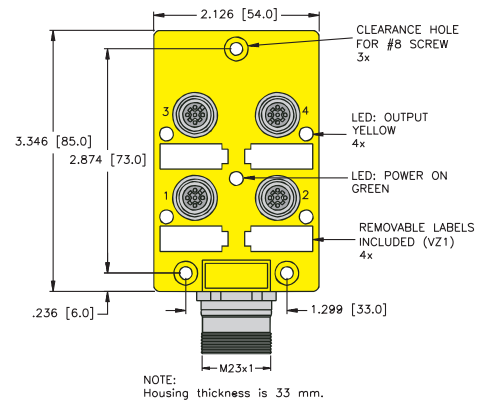
**4-Port Integral Home Run Cable**



**4-Port with *minifast* Home Run Connector**



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



**Notes:**

1. For mating CKM cordsets. See **multifast** pages.
2. For mating RKM cordsets. See **minifast** pages.

**Pinout**

Female	Male	Male
<b>5-pin euromast</b>	<b>12-pin multifast</b>	<b>6-pin minifast</b>

Multibox, euromast