



**multibox<sup>®</sup> eurofast<sup>®</sup> 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**

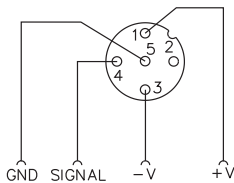


**4-port, 1-Signal per Port, 10-48 VDC**

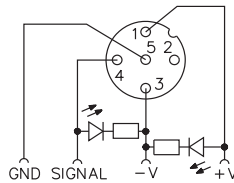
Application	Specifications	Pinout		No LEDs	PNP LED	NPN LED		
4-port J-box 1 signal per port Integral cable	4 A/port, 10 A total Yellow PVC cable** 7x18 AWG foil shield and 20 AWG drain **with PUR cable, add /S90	Function +V -V Gnd	Color BN BU GN/YE	Function Port 1 Port 2 Port 3 Port 4	Color WH GN YE GY	VB 40-*	VB 40-P7X5-*	VB 40-N7X5-*
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-*	Function +V -V Gnd	Pin / Color 1 / BN 3 / BU 12 / GN/YE	Function Port 1 Port 2 Port 3 Port 4	Pin / Color 4 / WH 6 / GN 7 / YE 8 / GY	VB 40-CS12	VB 40-P7X5-CS12	VB 40-N7X5-CS12
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	Function +V -V	Pin / Color 6 / BN 3 / BU	Function Port 1 Port 2 Port 3 Port 4	Pin / Color 2 / WH 1 / GN 5 / YE 4 / GY	VB 40-B1161	VB 40-P7X5-B1161	VB 40-N7X5-B1161

**Functional Wiring Diagrams**

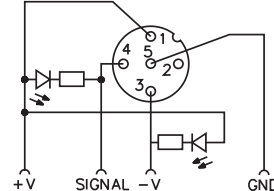
**(No LED Version)  
1 Signal Per Port**



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



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

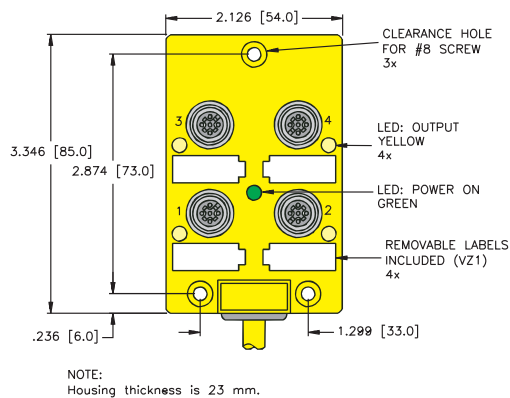


## Specifications

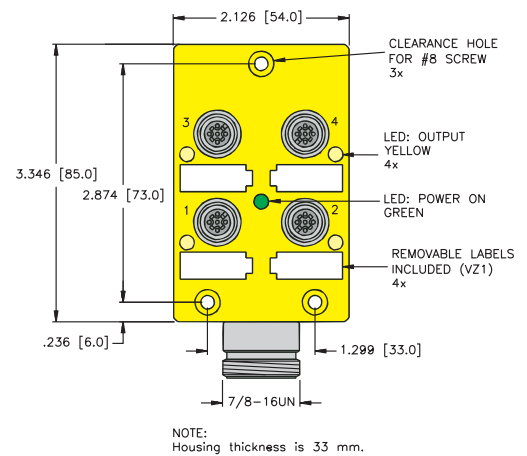
<b>Housing:</b>	Nylon
<b>Connectors:</b>	<b>euromast</b> : Nylon or TPU
<b>Contacts:</b>	Gold plated brass
<b>Thread Inserts:</b>	Stainless Steel
<b>Cable:</b>	See table
<b>Temperature:</b>	-30°C to +80°C (-22°F to +176°F)
<b>Protection:</b>	IEC IP67
<b>Accessories:</b>	Includes (2) VZ 3 closure caps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

## Dimensions

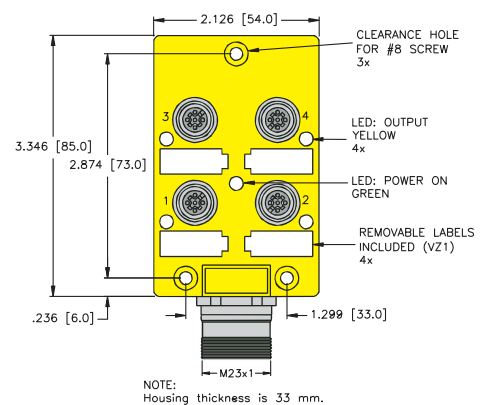
### 4-Port Integral Home Run Cable



### 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>