

# Junction Box Connectivity Products

## Multibox® Eurofast® Low Profile Junction Boxes 8-Port

- Dual 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, 2 Signals per Port, 10-30 VDC

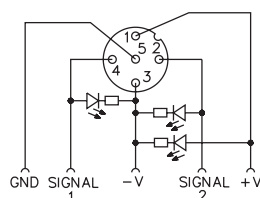
Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
8-port J-box 2 signals per port Integral cable	2 A/signal 9 A total Yellow PVC cable 3x18 AWG, Integral 16x22 AWG, foil shield and 20 AWG drain	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	8MB12Z-5-*	8MB12Z-5P3-*	8MB12Z-5N3-*
		+V	BN	Port 4, Sig 1	GY			
8-port J-box 2 signals per port Multifast® connector	2 A/signal 9 A total 19-pin Multifast connector 19 conductors. Mates with CKM 19-19-*	-V	BU	Port 4, Sig 2	BN / GN	8MB12Z-5-CS19	8MB12Z-5P3-CS19	8MB12Z-5N3-CS19
		Ground	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 2 signals per port Multifast, side exit connector	2 A/signal 9 A total 19-pin Multifast connector 19 conductors. Mates with CKM 19-19-*	<u>Function</u>	<u>Color</u>			
+V	19 / BN			Port 4, Sig 1	3 / GY			
-V	6 / BU			Port 4, Sig 2	14 / BN / GN			
Ground	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					

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

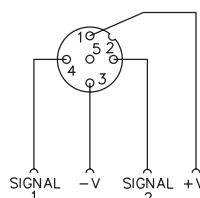
\* Cable length in meters.

### Functional Wiring Diagrams

(PNP LED Version)  
2 Signals per Port



(No LED Version)  
2 Signals per Port

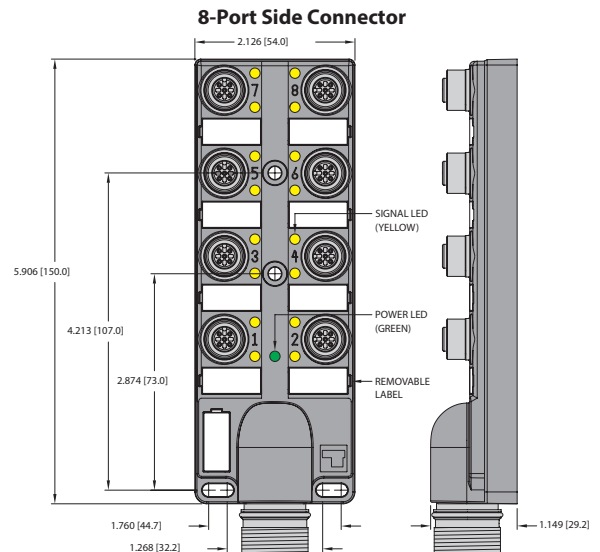
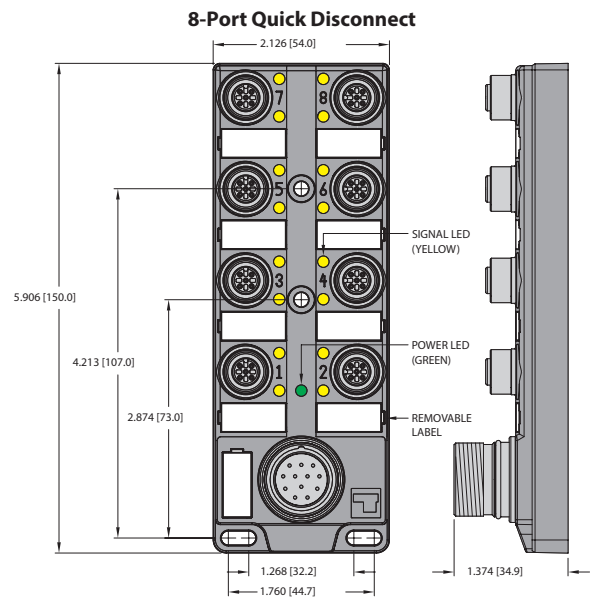
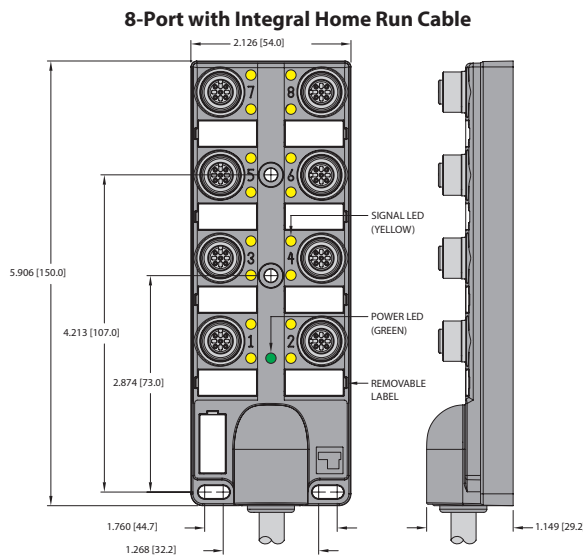


## Multibox® Eurofast® Low Profile Junction Boxes 8-Port

### Specifications

<b>Housing:</b>	Nylon	<b>Temperature:</b>	-40 °C to +85 °C (-40 °F to +185 °F)
<b>Connectors:</b>	Eurofast: Nylon or TPU	<b>Protection:</b>	IEC IP68, IP69K
<b>Contacts:</b>	Gold plated brass	<b>Accessories:</b>	(2) VZ 3 closure caps and a VZ 12 label kit (9 labels), included
<b>Thread Inserts:</b>	Nickel plated brass	<b>Cable Length:</b>	Standard length is nominal 5 meters. Other lengths available by request - Consult factory
<b>Cable:</b>	See table		
<b>Recommended Splitter:</b>	YB2-FSM 4.5-2FKM 4.5		

### Dimensions



#### Pinout

5-Pin Eurofast	19-Pin Multifast®
Female	Male

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multibox®, eurofast®