


multibox® eurofast® Miniature Junction Boxes, 4-port

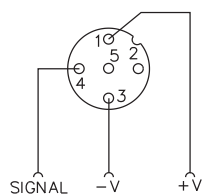
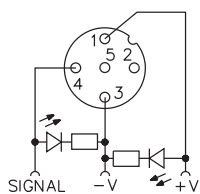
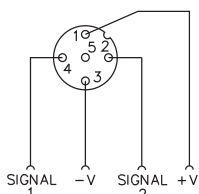
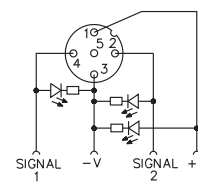
- Single/Dual Input/Output per Port
- Available with or without LEDs
- Rugged Plastic Housing
- M12 or M16 Quick Disconnect or Integral Cable

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 2 A total - 1 power pair	<u>Function</u> +V - V	<u>Color</u> BN BU	<u>Function</u> Port 1/4 Port 2/4	<u>Color</u> WH GN	4MBM12-4-*C	4MBM12-4P2-*C	4MBM12-4N2-*C
4-port J-box 1 signal per port stainless steel Integral cable	4 A total - dual power Yellow PVC 8/24 AWG	+V - V	PK RD	Port 3/4 Port 4/4	YE GY	4MBMV12-4-*C	4MBMV12-4P2-*C	4MBMV12-4N2-*C
4-port J-box 1 signal per port eurofast (M12) connector	4 A/port 2 A total w/1 power pair 4 A total w/dual power 8-pin eurofast connector 8 conductors Mates with RKC 8.8T	<u>Function</u> +V - V +V - V	<u>Pin</u> 5 7 6 8	<u>Function</u> Port 1/4 Port 2/4 Port 3/4 Port 4/4	<u>Pin</u> 1 2 3 4	4MBM12-4-FS 8	4MBM12-4P2-FS 8	4MBM12-4N2-FS8

4-port, 2 Signals Per Port, 10-48 VDC

Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
4-port J-box 2 signals per port Integral cable	4 A/port 3 A total - 1 power pair 6 A total - dual power Yellow PVC 12/24 AWG	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	4MBM12-5-*C	4MBM12-5P3-*C	4MBM12-5N3-*C
4-port J-box 2 signals per port stainless steel Integral cable		+V	BN	Port 2/4	GN			
		-V	BU	Port 2/2	RD			
		+V	RD/BU	Port 3/4	YE			
		-V	GY/PK	Port 3/2	BK			
		Port 1/4	WH	Port 4/4	GY			
		Port 1/2	PK	Port 4/2	VT			
4-port J-box 2 signals per port versafast (M16) connector	4 A/port	<u>Function</u>	<u>Pin/Color</u>	<u>Function</u>	<u>Pin/Color</u>	4MBM12-5-BS14	4MBM12-5P3-BS14	4MBM12-5N3-BS14
	3 A total w/1 power pair	+V	A/RD/BU	Port 2/4	E/GN			
	6 A total w/dual power	-V	L/GY/PK	Port 2/2	R/RD			
	14-pin versafast connector	+V	M/BN	Port 3/4	O/YE			
	12 conductors	-V	U/BU	Port 3/2	G/BK			
	Mates with	Port 1/4	P/WH	Port 4/4	C/GY			
	BKM 14-917-*	Port 1/2	N/PK	Port 4/2	S/VT			

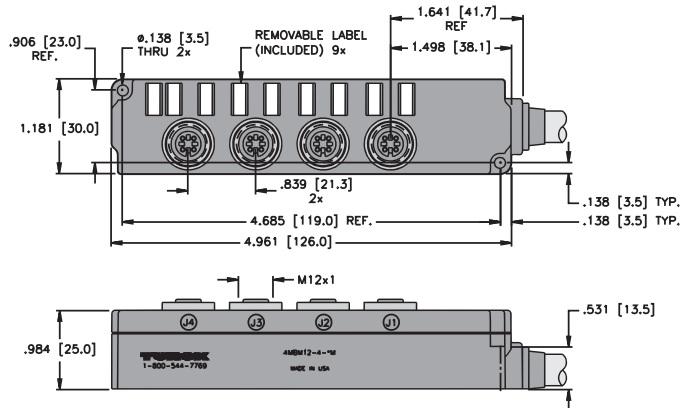
Functional Wiring Diagrams
**(No LED Version)
1 Signal Per Port**

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

**(No LED Version)
2 Signals Per Port**

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


Specifications

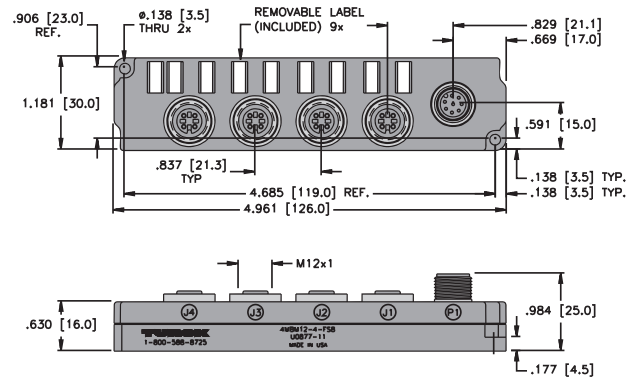
Housing:	Nylon
Connectors:	TPU (M12), PETP (M16)
Contacts:	Gold plated brass.
Thread Inserts:	Nickel plated brass or stainless steel
Cable:	See table
Temperature:	-30°C to +80°C (-22°F to +176°F)
Protection:	IEC IP67
Accessories:	KS 5/10 labels
Cable Length:	Standard length is nominal 5 meters. Other lengths available by request - Consult factory
Recommended Splitter:	YB2-FSM 4.5/2FKM 4.5

Dimensions

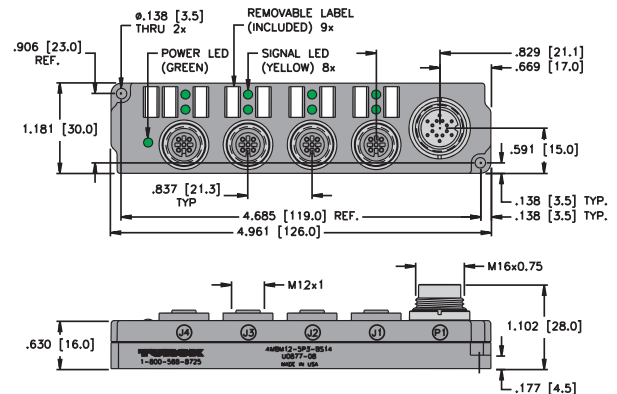
4-Port with Integral Home Run Cable



4-Port with eurofast Home Run Connector



4-Port with versafast Home Run Connector



Pinout

Female	Female	Male	Male
4-Pin eurofast	5-Pin eurofast	8-Pin eurofast	14-Pin versafast