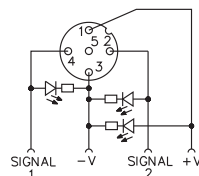
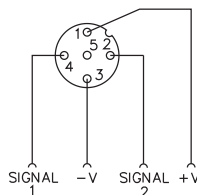



multibox® eurofast® Low Profile Junction Boxes, 4-Port

- Dual Input/Output per port
- Rugged Plastic Housing
- Available with or without LEDs
- M23 Quick Disconnect or Integral Home Run Cable
- Threaded M12 Connection

4-port, 2 Signals Per Port, 10-30 VDC

Application	Specifications	Pinout				No LEDs	PNP LED	NPN
4-port J-box 2 signals per port Integral cable	2 A/signal, 10 A total Yellow PVC cable 3/18 AWG, 8/22 AWG foil shield and 20 AWG drain	Function	Color	Function	Color	4MB12Z-5-*	4MB12Z-5P3-*	4MB12Z-5N3-*
		+V	BN	Port 2, Sig 1	GN			
		- V	BU	Port 2, Sig 2	RD / BU			
		Ground	GN / YE	Port 3, Sig 1	YE			
		Port 1, Sig 1	WH	Port 3, Sig 2	WH / GN			
		Port 1, Sig 2	GY / PK	Port 4, Sig 1	GY	4MB12Z-5-CS19	4MB12Z-5P3-CS19	4MB12Z-5N3-CS19
				Port 4, Sig 2	BN / GN			
4-port J-box 2 signals per port multifast connector	2 A/signal, 9 A total 19-pin multifast connector 11 conductors Mates with CKM 19-11-*	Function	Pin / Color	Function	Pin / Color			
		+V	19 / BN	Port 2, Sig 1	5 / GN			
		- V	6 / BU	Port 2, Sig 2	4 / RD / BU			
		Ground	12 / GN / YE	Port 3, Sig 1	16 / YE	4MB12Z-5-CS19H	4MB12Z-5P3-CS19H	4MB12Z-5N3-CS19H
		Port 1, Sig 1	15 / WH	Port 3, Sig 2	8 / WH / GN			
		Port 1, Sig 2	7 / GY / PK	Port 4, Sig 1	3 / GY			
				Port 4, Sig 2	14 / BN / GN			
4-port J-box 2 signals per port multifast , side exit connector	2 A/signal, 9 A total 19-pin multifast connector 11 conductors Mates with CKM 19-11-*	Function	Pin / Color	Function	Pin / Color	4MB12Z-5-CS19H	4MB12Z-5P3-CS19H	4MB12Z-5N3-CS19H
		+V	19 / Bn	Port 2, Sig 1	5 / GN			
		- V	6 / Bu	Port 2, Sig 2	4 / Rd / Bu			
		Ground	12 / GN / YE	Port 3, Sig 1	16 / YE			
		Port 1, Sig 1	15 / WH	Port 3, Sig 2	8 / WH / GN			
		Port 1, Sig 2	7 / Gy / Pk	Port 4, Sig 1	3 / Gy			
				Port 4, Sig 2	14 / Bn / Gn			

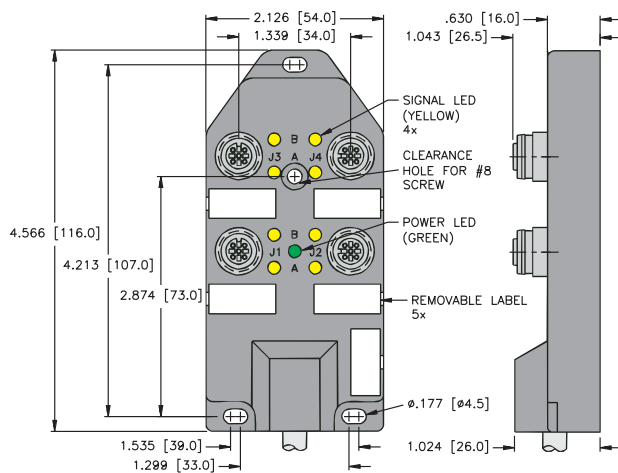
Functional Wiring Diagrams
**(PNP LED Version)
2 Signals Per Port**

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


Specifications

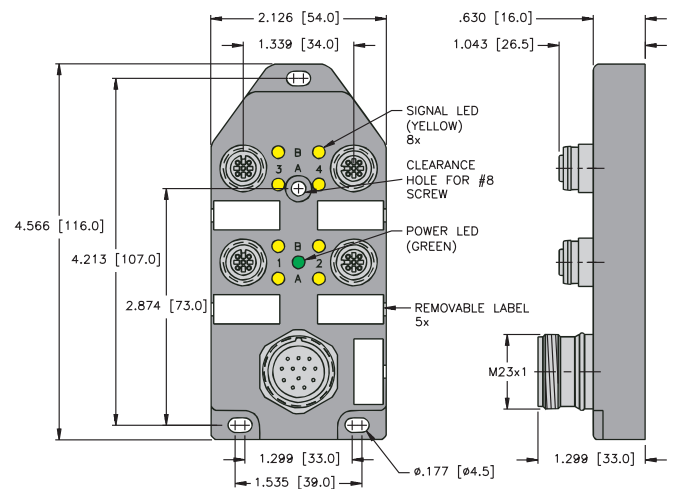
Housing:	Nylon
Connectors:	euromast : Nylon or TPU
Contacts:	Gold plated brass
Thread Inserts:	Nickel plated brass
Cable:	See table
Temperature:	-30°C to +80°C (-22°F to +176°F)
Protection:	IEC IP67
Accessories:	(2) VZ 3 closure caps and a VZ 12 label kit (5 labels) included
Cable Length:	Standard length is nominal 5 meters. Other lengths available by request - Consult factory
Recommended Splitters:	YB2-FSM 4.5-2 FKM 4.5

Dimensions

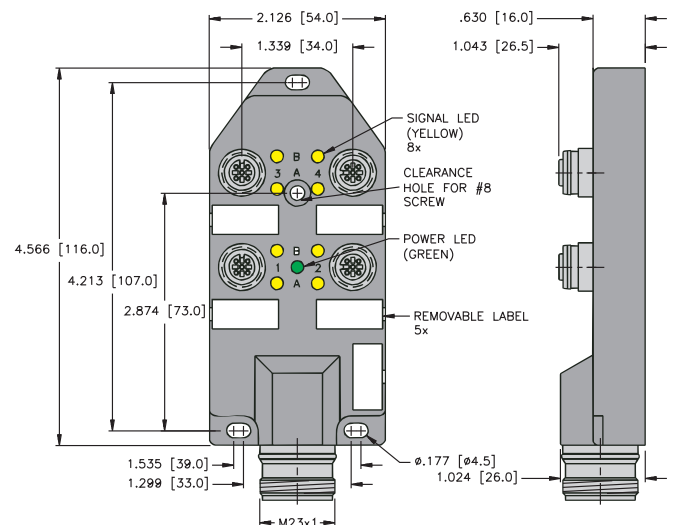
4-Port with Integral Home Run Cable



4-Port Quick Disconnect



4-Port Side Connector



Pinout

Female	Male
5-Pin euromast	19-Pin multifastr