

Part Number Keys	S2
M12 (eurofast®)	S4
M8 (picofast®)	S44
7/8" (minifast®)	S54
1/2" (microfast®)	S68
Accessories	S72

Features

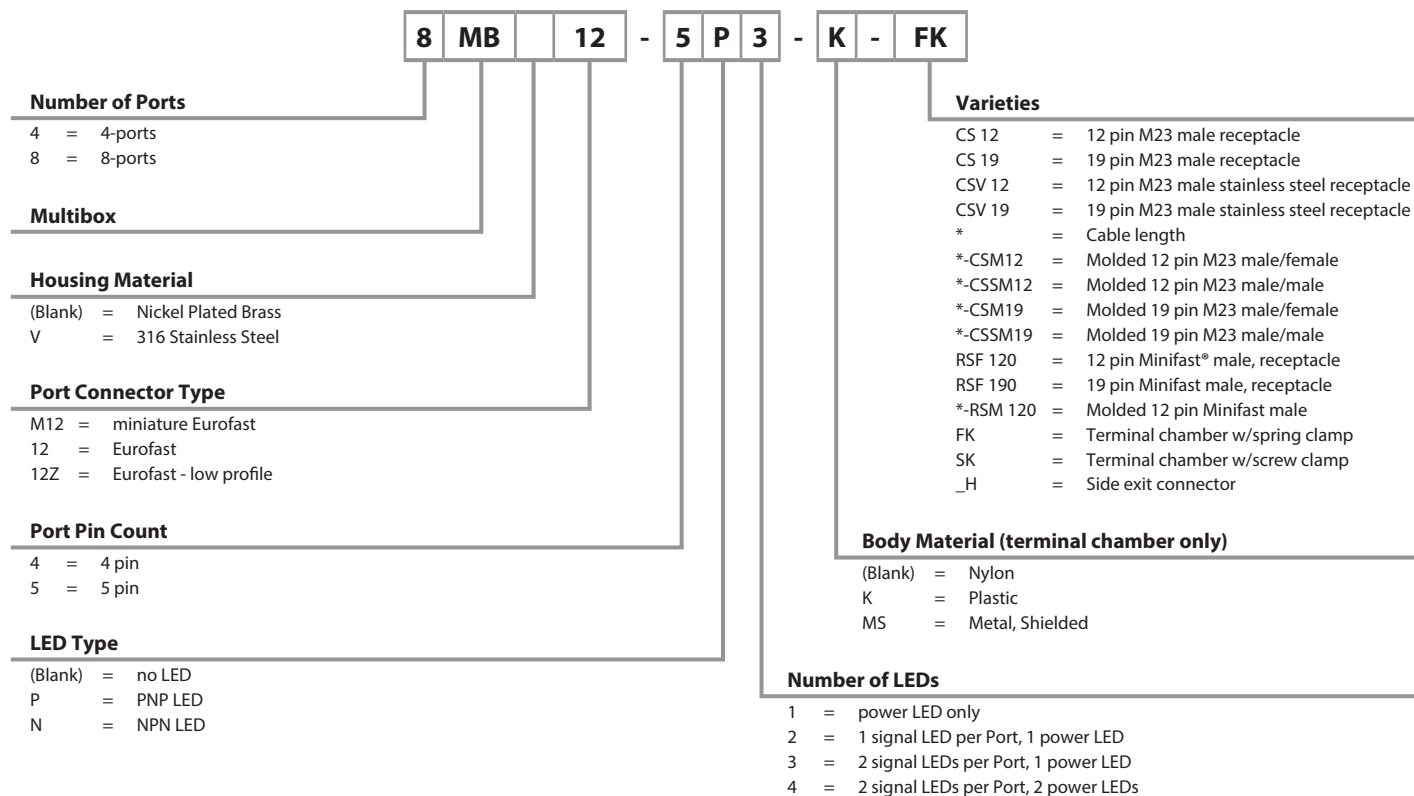
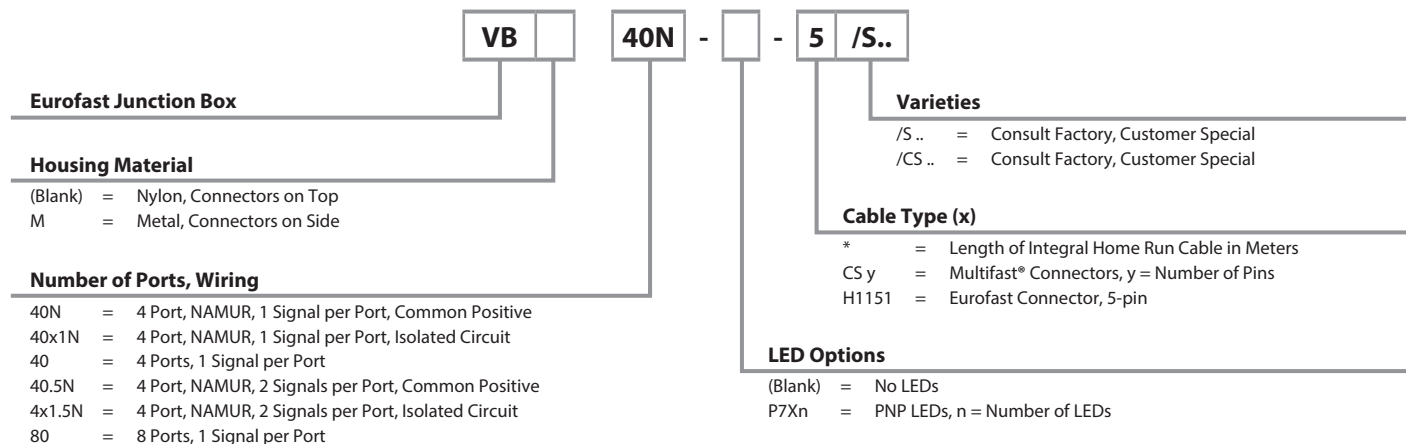
- Products for M12 Eurofast, M8 Picofast, 7/8" Minifast and 1/2 Microfast
- Consolidate up to 16 I/O signals
- AC or DC options
- PNP LED, NPN LED and non-LED offerings
- Multiple housing styles and materials



Junction Box Connectivity Products

M12 Eurofast® Standard and Low Profile Junction Box Part Number Keys

Part Number Keys are to assist in IDENTIFICATION ONLY. Consult factory for catalog items not identified.



Junction Box Connectivity Products

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

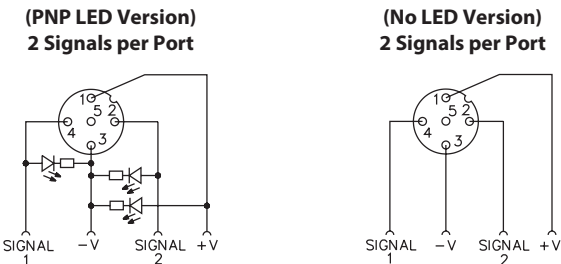


4-Port, 2 Signals per Port, 10-30 VDC

Application	Specifications	Pinout				No LEDs	PNP LED	NPN LED
4-port J-box 2 signals per port Integral cable	2 A/signal 9 A total Yellow PVC cable 3/18 AWG, 8/22 AWG foil shield and 20 AWG drain	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	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			
				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-*	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	4MB12Z-5-CS19	4MB12Z-5P3-CS19	4MB12Z-5N3-CS19
		+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			
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-*	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	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			

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

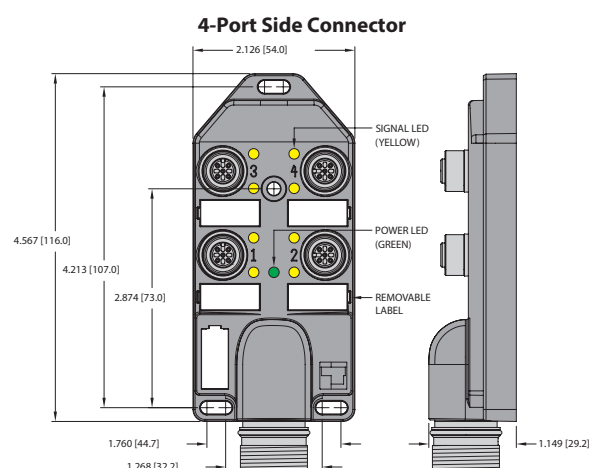
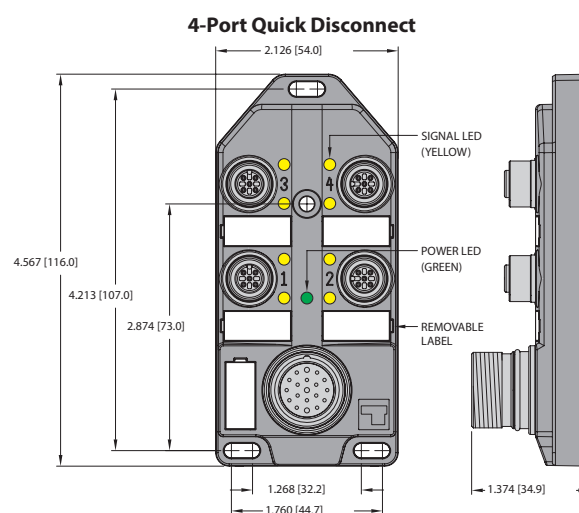
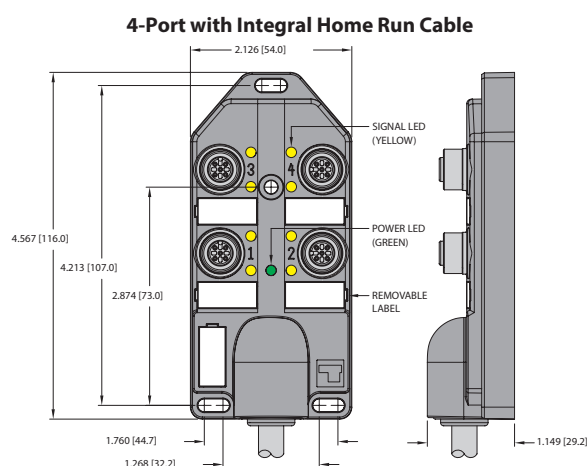
Functional Wiring Diagrams



Specifications

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

Dimensions



Pinout

5-Pin Eurofast	19-Pin Multifast®
Female	Male

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multibox®, eurofast®