

TURCK

Process Wiring Solutions



multibox® *euromast*® Junction Boxes, NAMUR, 2 Circuits Per Port

- 4 Ports
- Rugged Plastic Housing with Flush Connectors
- Quick Disconnect or Integral Home Run Cable
- For use with NAMUR Sensors

2 Circuits Per Port, Common Positive, 100 VDC

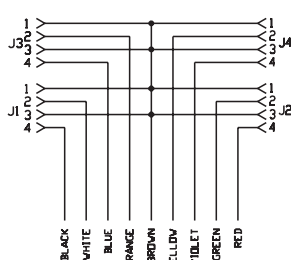
Application	Specifications	Pinout				Part Number
4-port J-box 2 circuits per port Integral cable	4 A/port, 9 A total Blue PVC cable, PLTC 9/22 AWG	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	VB 40.5N-*
		V+	BN	J3/Pin 2	OG	
		J1/Pin 2	WH	J3/Pin 4	BU	
		J1/Pin 4	BK	J4/Pin 2	YE	
		J2/Pin 2	GN	J4/Pin 4	VT	
J2/Pin 4	RD					
4-port J-box 2 circuits per port <i>multifast</i> ® connector	4 A/port, 8 A total 12-pin <i>multifast</i> connector 9 conductors Mates with KKNWM 12-9-*	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	VB 40.5N-CS12
		V+	1/BN	J3/Pin 2	6/OG	
		J1/Pin 2	2/WH	J3/Pin 4	7/BU	
		J1/Pin 4	3/BK	J4/Pin 2	8/YE	
		J2/Pin 2	4/GN	J4/Pin 4	9/VT	
		J2/Pin 4	5/RD			

2 Circuits Per Port, Isolated Circuits, 100 VDC

Application	Specifications	Pinout				Part Number
4-port J-box 2 circuits per port Integral cable	4 A/port, 9 A total Blue PVC cable, PLTC 16/22 AWG	<u>Function</u>	<u>Color</u>	<u>Function</u>	<u>Color</u>	VB 4X1.5N-*
		J1/Pin 1	WH	J3/Pin 1	VT	
		J1/Pin 2	BK	J3/Pin 2	CY	
		J1/Pin 3	GN	J3/Pin 3	PK	
		J1/Pin 4	RD	J3/Pin 4	TN	
		J2/Pin 1	OG	J4/Pin 1	WH/BK	
		J2/Pin 2	BU	J4/Pin 2	WH/GN	
		J2/Pin 3	BN	J4/Pin 3	WH/RD	
		J2/Pin 4	YE	J4/Pin 4	WH/BU	
4-port J-box 2 circuits per port <i>multifast</i> connector	4 A/port, 8 A total 16-pin <i>multifast</i> connector 16 conductors Mates with KKNWM 16-16-*	<u>Function</u>	<u>Pin / Color</u>	<u>Function</u>	<u>Pin / Color</u>	VB 4X1.5N-CS16
		J1/Pin 1	1/WH	J3/Pin 1	9/VT	
		J1/Pin 2	2/BK	J3/Pin 2	10/GY	
		J1/Pin 3	3/GN	J3/Pin 3	11/PK	
		J1/Pin 4	4/RD	J3/Pin 4	12/TN	
		J2/Pin 1	5/OG	J4/Pin 1	13/WH/BK	
		J2/Pin 2	6/BU	J4/Pin 2	14/WH/GN	
		J2/Pin 3	7/BN	J4/Pin 3	15/WH/RD	
		J2/Pin 4	8/YE	J4/Pin 4	16/WH/BU	

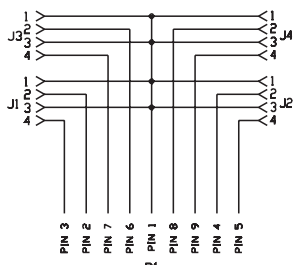
Functional Wiring Diagrams

Common Positive
Integral Cable



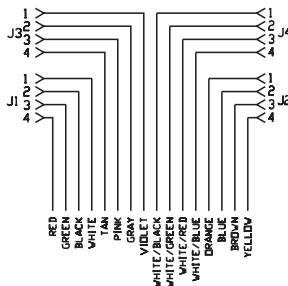
VB 40.5N-*

Common Positive
multifast Connector



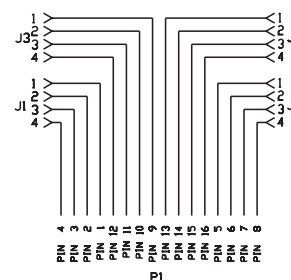
VB 40.5N-CS12

Isolated Circuit
Integral Cable



VB 4X1.5N-*

Isolated Circuit
multifast Connector



VB 4X1.5N-CS16

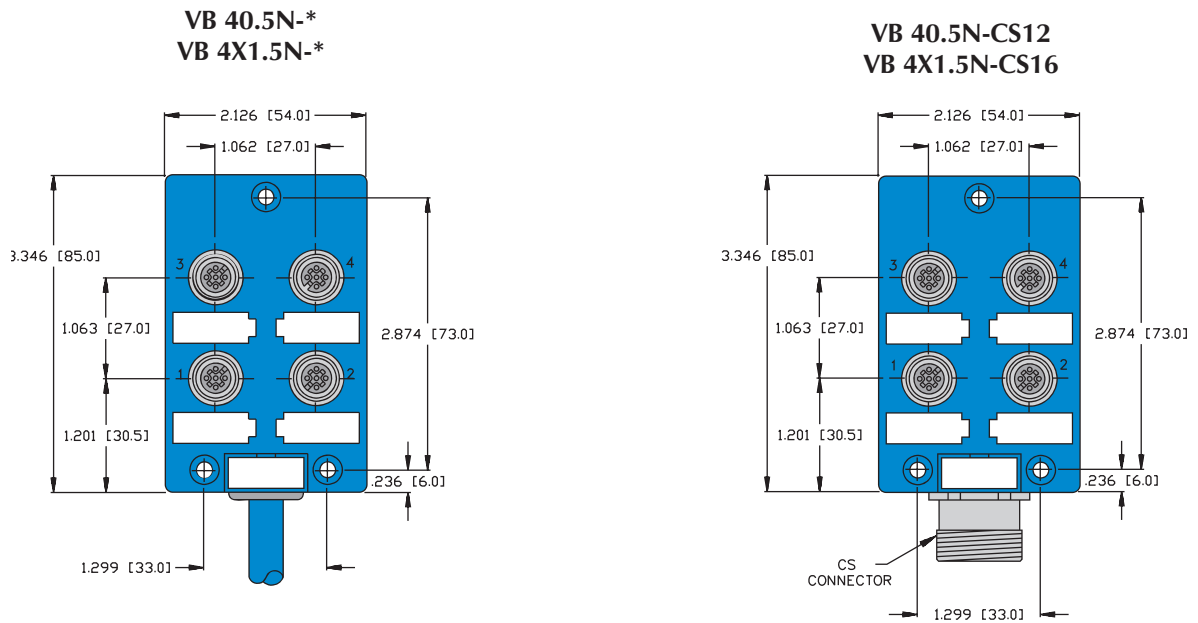
Specifications

Housing:	Nylon.
Connectors:	eurofast [®] : Nylon or PUR, spacings to VDE 0110 Group C.
Contacts:	Gold plated brass, machined from solid stock.
Thread Inserts:	Nickel plated brass.
Cable:	See table.
Temperature:	-30° to +80°C (-22° to +176°F).
Protection:	NEMA 1, 3, 4, 6P and IEC IP 67.
Accessories:	(2) VZ 3 closure caps and one VZ 1 label kit (8 labels) included.

Cable Length:

Standard length for junction boxes and **multifast**[®] series quick disconnect cordsets is nominal 5 meters. Other lengths available by request. Consult factory.

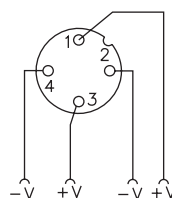
Dimensions



Notes:

1. Removable labels included (Part number VZ 1).
2. Clearance hole for #8 screw (3 places).
3. Housings with integral cable: 23.0 mm thickness. Housings with quick disconnect: 33.0 mm thickness.

Pinout Diagram



eurofast multifast