



multibox® eurofast® Junction Boxes, 4-Port, Metal

- Single Input/Output Per Port
- Metal Housing with Side Connectors
- For DC Sensors and Actuators
- M23 Quick Disconnect, minifast Connector, or Integral Home run Cable
- Available with or without LEDs

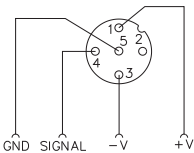


4-port, 1 Signal Per Port, 10-48 VDC

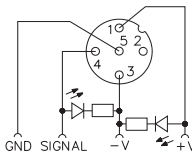
Application	Specifications	Pinout				No LEDs	PNP LEDs
4-port J-box 1 signal per port Metal box Integral cable	4 A/port, 10 A total Yellow PVC cable 7x18 AWG foil shield and 20 AWG drain	Function	Color	Function	Color	VBM 40-*	VBM 40-P7X5-*
		+V	BN	Port 1	Wh		
		- V	BU	Port 2	GN		
		Ground	GN / YE	Port 3	YE		
				Port 4	GY		
4-port J-box 1 signal per port Metal box multifast connector	4 A/port, 8 A total 12-pin multifast connector 7 conductors Mates with CKM 12-7-*	Function	Pin / Color	Function	Pin / Color	VBM 40-CS12	VBM 40-P7X5-CS12
		+V	1 / BN	Port 1	4 / WH		
		- V	3 / BU	Port 2	6 / GN		
		Ground	12 / GN/YE	Port 3	7 / YE		
				Port 4	8 / GY		
4-port J-box 1 signal per port, Metal box minifast connector	4 A/port, 7 A total 12-pin minifast connector 7 conductors, Mates with RKM 126-*M CSA Certified	Function	Pin/Color	Function	Pin/Color	VBM 40-RSF120	VBM 40-P7X5-RSF120
		+V	10 / RD	Port 3	3 /WH/BK		
		-V	11 / WH	Port 4	4 / RD/BK		
		Ground	12 / BK				
		Port 1	1 / OG				
		Port 2	2 / BU				

Functional Wiring Diagrams

(No LED Version)
1 Signal Per Port



(PNP LED Version)
1 Signal Per Port

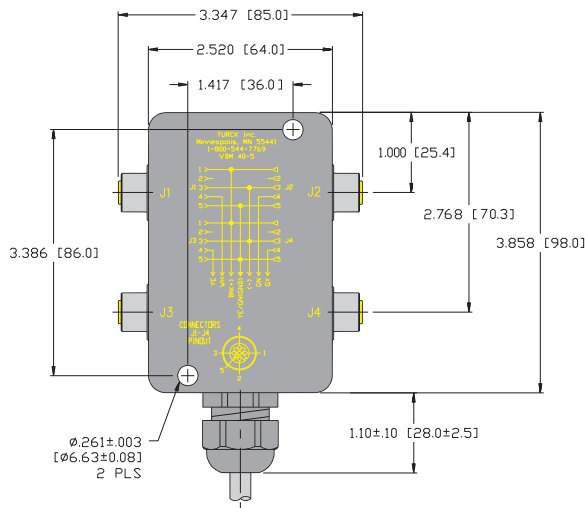


Specifications

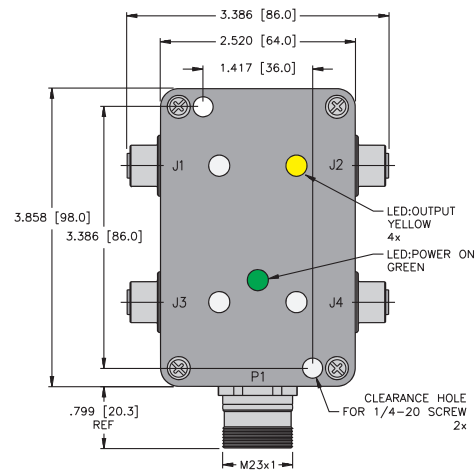
Housing:	Die-cast aluminum alloy
Connectors:	eurofast : Nylon or TPU
Contacts:	Gold plated brass
Thread Inserts:	Nickel plated brass
Cable:	See table
Temperature:	-30°C to +80°C (-22°F to +176°F)
Protection:	IEC IP67
Accessories:	(2) VZ 3 closure caps included
Cable Length:	Standard length for junction boxes and multifast series quick disconnect cordsets is nominal 5 meters Other lengths available by request. Consult factory

Dimensions

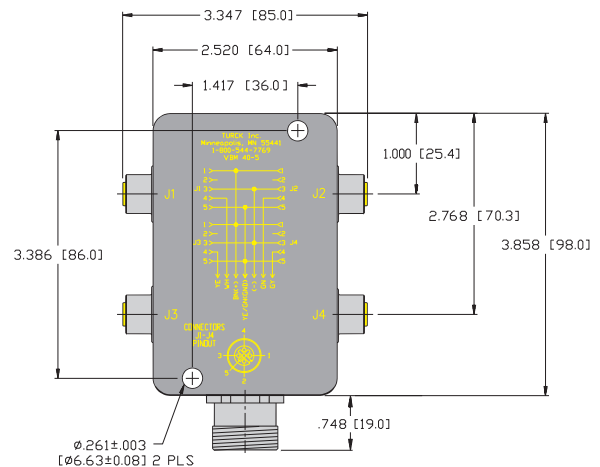
4-Port with Integral Home Run Cable



4-Port with *multifast* Home Run Connector



4-Port with *minifast* Home Run Connector



Notes:

1. For mating CKM cordsets. See **multifast** pages.
2. For mating RKM cordsets. See **minifast** pages.

Pinout

Female	Male	Male
5-pin eurofast	12-pin minifast	12-pin multifast