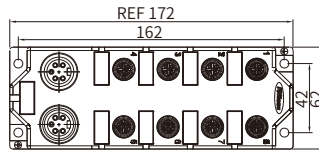


# Junction Boxes

## Junction Box, 8 Ports, M12 Termination, with Mini-Change 7/8" Connector



RoHS

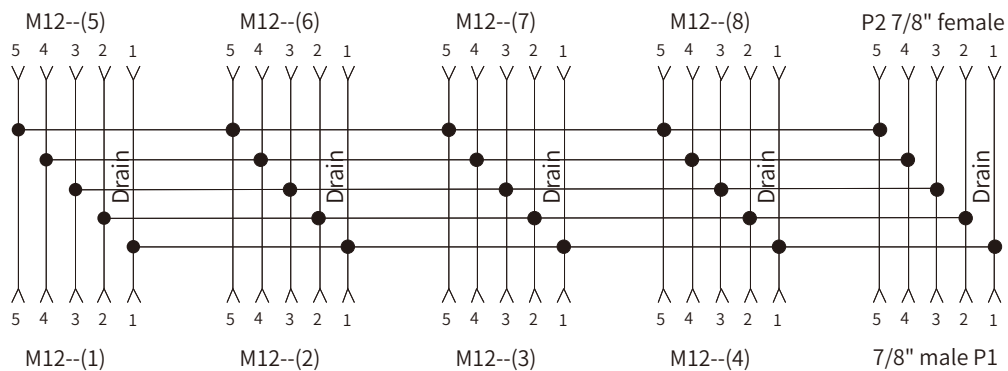
### Specifications

Contacts	M12 Pin5 (Female)	7/8" Pin5 (Male)	7/8" Pin5 (Female)
Pin layout			
Ambient temperature	-25°C~+85°C		
Connector insert	TPU/PA		
Connector contacts	Brass with gold plated		
Material of body	PBT		
Coupling nut/screw	Brass with nickel plated		
Body color	Blue		
Seal	FKM		
Contact resistance	≤5mΩ		
Rated voltage with/without LED	10~30V/120V		
Rated current	2A per signal,6A total		
LED color	Optional		
IP rating	IP 67 in locked condition		
Coding type	A-Coding		

### Part Number

Pins	Cable length	With LED		Without LED	
		PVC	PUR	PVC	PUR
5	1m	JB8M12F05L-MINIMF10CB	JB8M12F05L-MINIMF10RB	JB8M12F05-MINIMF10CB	JB8M12F05-MINIMF10RB
	3m	JB8M12F05L-MINIMF30CB	JB8M12F05L-MINIMF30RB	JB8M12F05-MINIMF30CB	JB8M12F05-MINIMF30RB
	5m	JB8M12F05L-MINIMF50CB	JB8M12F05L-MINIMF50RB	JB8M12F05-MINIMF50CB	JB8M12F05-MINIMF50RB

### Circuit diagram



LED indicating: PNP  
other circuit diagram (NPN) can be customized