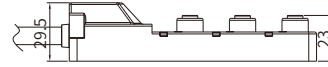
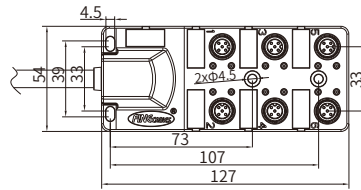


# Junction Boxes



## Junction Box, 6 Ports, M12 Termination, Molded Cable



RoHS

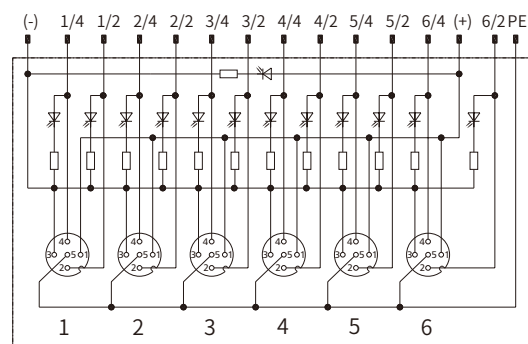
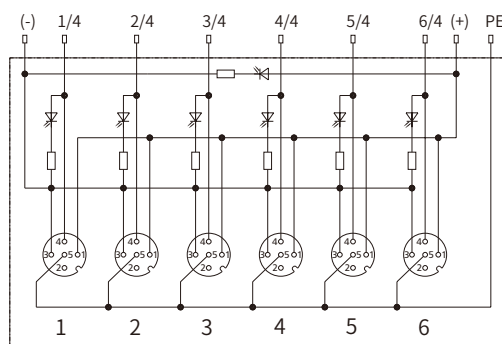
### Specifications

Contacts	M12 Pin4 (Female)	M12 Pin5 (Female)
Pin layout		
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)	
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	≤ 3mΩ	
Rated voltage with/without LED	10~30V/120V	
Rated current	1A per signal, 3A 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
4	1m	JB6M12F04L-10CB	JB6M12F04L-10RB	JB6M12F04-10CB	JB6M12F04-10RB
	3m	JB6M12F04L-30CB	JB6M12F04L-30RB	JB6M12F04-30CB	JB6M12F04-30RB
	5m	JB6M12F04L-50CB	JB6M12F04L-50RB	JB6M12F04-50CB	JB6M12F04-50RB
5	1m	JB6M12F05L-10CB	JB6M12F05L-10RB	JB6M12F05-10CB	JB6M12F05-10RB
	3m	JB6M12F05L-30CB	JB6M12F05L-30RB	JB6M12F05-30CB	JB6M12F05-30RB
	5m	JB6M12F05L-50CB	JB6M12F05L-50RB	JB6M12F05-50CB	JB6M12F05-50RB

### Circuit diagram



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