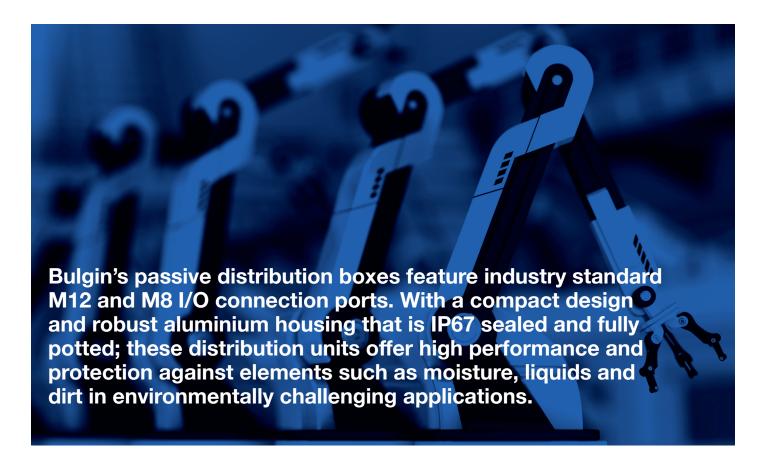


Passive distribution boxes provide a convenient and compact connectivity solution that can be installed quickly and easily in the field. They offer considerable cost saving benefits when compared to hard-wiring I/O connections due to their pre-wired connector slot configurations which enables numerous sensor and actuator signals to be transmitted back to a control system with case.





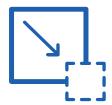


# The Benefits:



## **Save Time**

With the need to hard wire I/O connections removed and variants coming equipped with identification labels and integrated LEDs, Bulgin's distribution boxes help to save on costs associated with installation, maintenance and repair time by making it easy and quick to troubleshoot connection faults.



## **Save Space**

Distribution boxes save space in the field as they require less space than more conventional distribution systems due to their compact design. They take up far less space than loose wires and require fewer terminal blocks/boxes, making them the ideal solution for many machine requirements or automation systems.



## **Save Money**

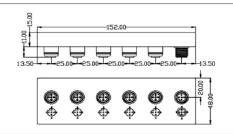
By simplifying the wiring control system and eliminating the need for additional enclosures, distributor boxes can be installed quickly which saves time and costs. Their ability to reduce troubleshooting time also means that downtime can be significantly minimised in manufacturing, food-processing and industrial automation applications.

# M-Series - Distribution Units





- O 5 outputs
- O Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and **Inline Connectors**



**Part Number Input Contact Count Output Ports Output Type Output Contact Count Input Type** 5 Contacts

BOX1M1205MA05M1205F

M12

5 Contacts

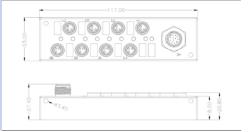
O 8 outputs

5 Ports

M12



- Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and Inline Connectors

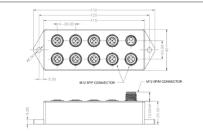


Part Number	Input Type	<b>Input Contact Count</b>	<b>Output Ports</b>	<b>Output Type</b>	<b>Output Contact Count</b>
BOX1M1212MA08M803F	M12	12 Contacts	8 Ports	M8	3 Contacts



9 outputs

- Sealed using sealing caps
- Anodised aluminium body
- Mates with Flex Body and Inline Connectors



Part Number	Input Type	<b>Input Contact Count</b>	<b>Output Ports</b>	<b>Output Type</b>	<b>Output Contact Count</b>	
BOX1M1205MA09M1205F	M12	5 Contacts	9 Ports	M12	5 Contacts	

#### Buccanee

# M-Series - Distribution Units

Specifications



### **Specifications:**

Locking mechanism: Screw coupling

Sealing: IP67

Operating Temp Range: -25°C to 80°C

### **Box & Panel Mount:**

Body Material: Anodised Aluminium

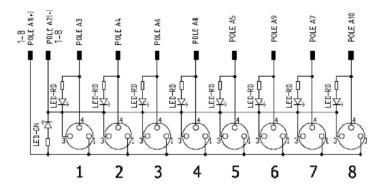
Colour: Black

Plug Contacts Material: Brass, Gold plating

Socket Contacts Material: Phosphor Bronze, Gold plating

RoHS: Compliant

## Wiring diagram for BOX1M1212MA08M803F



вох	X	XX	XX	X	X	XX	XX	XX	X
<b>Series</b> Box	Inputs 1	<b>Input Series</b> M12	Input Contacts 05	<b>Orientation</b> M	<b>Code</b> A	Outputs 05 08 09	Output Series M8 M12	Output Contacts 03 05	<b>Orientation</b> F = Female