

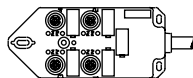
**IP67 rated passive IO module for harsh environments are designed to concentrate the sensor/actuator signals into one unique home run cable for a better mechanical infrastructure wiring on the machine.**

## Specifications

IP67 Molded PBT Housing, color Black  
Single or Dual Input/Output signal per port  
Indicating LED for Power and sensor trigger  
PNP Version (available also in NPN version)  
Electrical: 10-30V DC max. & 12.0A max. (4.0A max. per port)  
Approvals: UL, CSA, IP67, NEMA 6

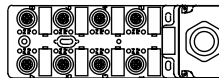
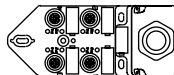
## Ordering Information

### Brad® M12 Distribution Boxes with PUR Home Run Cable



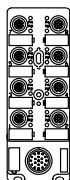
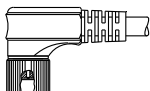
		4 Ports		8 Ports	
IO Type	Length	Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
Single IO	5m	<b>BTY400P-FBP-05*</b>	<b>120114-8011*</b>	<b>BTY800P-FBP-05*</b>	<b>120114-8022*</b>
	10m	BTY400P-FBP-10	120114-8012	BTY800P-FBP-10	120114-8023
Dual IO	5m	<b>BTY405P-FBP-05*</b>	<b>120114-0039*</b>	<b>BTY805P-FBP-05*</b>	<b>120114-0089*</b>
	10m	BTY405P-FBP-10	120114-0040	<b>BTY805P-FBP-10*</b>	<b>120114-0090*</b>

### Brad® M12 Distribution Boxes with Field Attachable Terminals



		4 Ports		8 Ports	
IO Type		Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
Dual IO		<b>BTY403P-FBA*</b>	<b>120114-0029*</b>	<b>BTY803P-FBA*</b>	<b>120114-0082*</b>

### Brad® M12 Distribution Boxes with M23 Connector and Home Run Cable



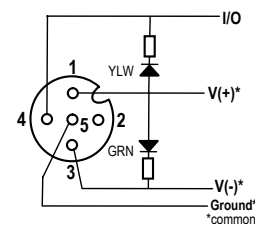
8 Ports		
IO Type	Engineering No.	Standard Order No.
Single IO	<b>BTY801P-FBC*</b>	<b>120114-0066*</b>
Dual IO	<b>BTY803P-FBC*</b>	<b>120114-0084*</b>

Single IO Home Run Cable (12p/11 wires)			Dual IO Home Run Cable (19p/19 wires)	
Length	Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
10m	<b>K02101P80M100*</b>	<b>120094-0125*</b>	<b>K03001B20M100*</b>	<b>120094-5009*</b>
15m	K02101P80M150	120094-8038	<b>K03001B20M150*</b>	<b>120094-5031*</b>

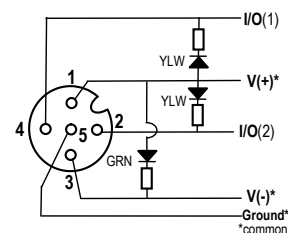
## Brad® Sensor/Actuator Distribution Boxes



### Micro-Change® M12 Single IO Connector Wiring



### Micro-Change® M12 Dual IO Connector Wiring



\* Parts in bold belong to the BradExpress Program (see page 3)