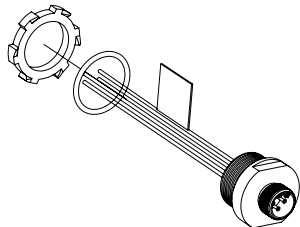


Brad® Micro-Change® (M12) Receptacle

120070
Single Keyway



Features and Benefits

- Single key M12 connector per IEC 61076-2-101
- 22 AWG PVC 12 inch leads—DC color code, epoxy potted
- Black anodized aluminum shell
- Used in control panels, junction boxes and sensors

Reference Information

UL File No.: 3P and 4P E152210, 5P UL recognized
CSA File No.: LR6837

Electrical

Voltage: 250V AC/DC
Current: 4.0A

Mechanical

Shell: Black anodized aluminum
Insert: Nylon 6/6
Conductors: 22 AWG with PVC insulation over 26 by #36
Copper stranding, 300V, UL Style 1061, CSA AWM SR
O-Ring: Nitrile Rubber

Environmental

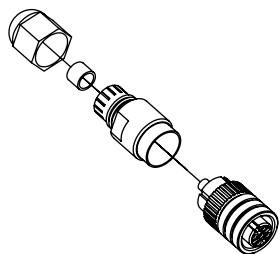
Protection: IP67

Poles	Male		Mounting Thread	Female		Mounting Thread
	Old Part No.	Order No.		Old Part No.	Order No.	
4	8R4006A18A120	120070-0184	1/2" - 14NPT	8R4A00A18A120	120070-0114	1/4" - 18NPT
5	8R5006A18A120	120070-0252		8R5A00A18A120	120070-0201	

*Note: Other mounting threads available, contact Molex.

Brad® Micro-Change® (M12) Field Attachables

120071
Single Keyway



Features and Benefits

- Single key M12 connector per IEC 61076-2-101
- Screw terminal connection accepts up to 18 AWG conductors
- Easy field installation of quick-disconnect design
- For use with all standard single keyway M12 receptacles and cordsets

Reference Information

CSA File No.: LR6837

Electrical

Voltage: 4P—250V AC, 300V DC
5P—30V AC, 36V DC
Current: 4.0A

Mechanical

Connector Face: Polyamide
Molded Body: Polyamide
Contact: Silver plated Brass
Coupling Nut: Nickel plated Brass
Grommet: Nitrile rubber
Maximum Conductor Size: 18 AWG

Environmental

Protection: IP67

Poles	Male		Female		Orientation	Description
	Old Part No.	Order No.	Old Part No.	Order No.		
4	8A4006-31	120071-0038	8A4000-31	120071-0035	Straight	With PG 7 Cable Fitting (0.13 - 0.26" O.D. [3.3-6.6mm] cable)
	8A4007-31	120071-0040	8A4001-31	120071-0037		
5	8A5006-31	120071-0045	8A5000-31	120071-0041	Straight	
	8A5007-31	120071-0049	8A5001-31	120071-0044		
4	8A4006-32	120071-0039	8A4000-32	120071-0036	Straight	With PG 9 Cable Fitting (0.16 - 0.32" O.D. [4.1-8.1mm] cable)
5	8A5006-32	120071-0047	8A5000-32	120071-0043		