Brad M12 8-Pole Micro-Change Industrial Cordsets

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IP-rated Brad M12 8-Pole Micro-Change Industrial Cordsets deliver mating flexibility, an anti-vibration feature and safe, dependable performance, making them ideal for a range of factory automation applications

Brad M12 8-Pole Cordset

Features and Advantages

Safe, dependable performance

IEC-compliant cordset assemblies provide peace of mind to users. Gold-over-nickel-plated contacts provide a durable corrosion-resistant plating. Overmold cable assembly provides strain relief

Anti-vibration feature

Patented anti-vibration feature prevents loosening under high-vibration environments

IP-rated protection

When fully mated, delivers IP67/68 rating for protected use in harsh environments

Wide selection of cables

Weld-slag oil-resistant (WSOR) cables for cost-sensitive, outdoor applications demanding flexibility. Polyurethane cables for moderate flexing and for environments encountering cutting fluids and oils

Markets and Applications

Industrial Automation

- Automotive production lines
- Conveying and sorting
- Material handling
- Food and beverage processing
- Robot control
- Safety curtains

Conveying and Sorting

Food and Beverage Processing

Robot Control

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Specifications

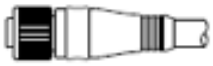
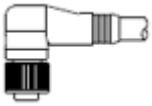
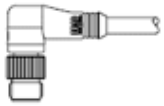
REFERENCE INFORMATION
UL File No.: E152210
CSA File No.: LR6837
RoHS: Compliant by exemption
Designed in: Millimeters
Mates With: M12 cordsets, receptacles and MPIs

ELECTRICAL
Voltage (max.): 30V AC/36V DC
Current (max.): 2.0A per contact

PHYSICAL
Connector Body: PUR or TPU
Coupling Nut: Nickel-plated Brass
Contacts: Copper alloy with Gold over Nickel Plating
Operating Temperature: -20 to +85°C

A-CODE (SINGLE KEY)
Used in sensors, switches, valves and many other universal applications
Up to 2A per contact; 30V AC/36V DC

Ordering Information

Single-Ended Cordsets									
		Female Straight		Female 90		Male Straight		Male 90	
									
Cable Type	Length	Engineering No	Standard Order No	Engineering No	Standard Order No	Engineering No	Standard Order No	Engineering No	Standard Order No
PUR (P02)	2m	808000P02M020	1200650951	808001P02M020	1200650960	808006P02M020	1200650964	808007P02M020	1200651800
	5m	808000P02M050	1200650953	808001P02M050	1200650962	808006P02M050	1200650968	808007P02M050	1200658258
	10m	808000P02M100	1200650957	808001P02M100	1200650963	808006P02M100	1200650969	808007P02M100	1200658259
WSOR (B41)	2m	808000B41M020	1200659458	808001B41M020	1200652311	808006B41M020	1200659453	808007B41M020	1200652315
	5m	808000B41M050	1200652308	808001B41M050	1200652312	808006B41M050	1200652304	808007B41M050	1200652316
	10m	808000B41M100	1200659463	808001B41M100	1200652313	808006B41M100	1200652305	808007B41M100	1200652317

Double-Ended Cordsets									
		Female Straight / Male Straight		Female 90 / Male Straight		Female Straight / Male 90		Female 90 / Male 90	
									
Cable Type	Length	Engineering No	Standard Order No	Engineering No	Standard Order No	Engineering No	Standard Order No	Engineering No	Standard Order No
PUR (P02)	2m	888030P02M020	1200660580	888031P02M020	1200661620	888032P02M020		888033P02M020	1200668872
	5m	888030P02M050	1200660583	888031P02M050		888032P02M050		888033P02M050	1200661456
	10m	888030P02M100	1200660585	888031P02M100	1200661436	888032P02M100		888033P02M100	1200668359
WSOR (B41)	2m	888030B41M020	1200668897	888031B41M020	1200668885	888032B41M020	1200668938	888033B41M020	1200668962
	5m	888030B41M050	1200668899	888031B41M050	1200668887	888032B41M050	1200668940	888033B41M050	1200668964
	10m	888030B41M100	1200668900	888031B41M100	1200668888	888032B41M100	1200668941	888033B41M100	1200668965

www.molex.com/link/m12.html

Order No. 987652-0421 USA/0k/GF/2019.06