Brad® Micro-Change® (M12) A-Code Single-Ended Cordsets (Europe)

120006/120065

Female, Pigtail Straight, RIght Angle



Features and Benefits

- M12 Single Keyway (A-Coding) IEC compliant cordset assemblies
- 3, 4, and 5-pole versions are intermatable for added flexibility
- IP67/68 rated for harsh environments
- Patented anti-vibration feature to prevent loosening under high vibration applications
- Wide selection of cables to fit applications
  - PVC cables for light, cost sensitive industrial applications
  - PUR cables for moderate flexing and for environments encountering cutting fluids and oils
  - TPE cables for continuous flex applications. Also ideal for welding cells; cable is weld slag resistant

Reference Information

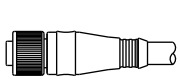
UL File No.: E152210
CSA File No.: LR6837

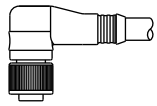
Physical

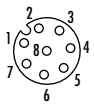
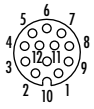
Connector Body: PUR
Contact Carries: Polyamide
O-ring: Viton
Coupling Nut: Nickel-plated Brass
Contacts: Copper alloy with Gold over Nickel plating
Cables: P02—Black PUR/PVC jacket, 0.25mm² PVC conductors, 300V, 80°C
H08—Black PUR jacket, 0.25mm² PVC conductors, 300V, 80°C, Low Smoke/Zero Halogen (LSOH), UL AWM 21198
H45—Black PUR jacket, 26 AWG PVC conductors, 300V, 80°C, UL AWM 20549

Environmental

Protection: IP67
NEMA Rating: NEMA 6





Poles (Female View)	Max. Current per Contact	Max. Voltage	Cable Type	Cable Jacket (Cable Code)	Wire Size	Length	Female Straight		Female Right Angle	
							Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
8 Pole  1 - White 5 - Gray 2 - Brown 6 - Pink 3 - Green 7 - Blue 4 - Yellow 8 - Red	2.0A	30V AC/36V DC		PUR/PVC (P02)	0.25mm²	2.0m	808000P02M020	120065-0951	808001P02M020	120065-0960
			LSOH, UL 21198	PUR (H08)			808000H08M020	120065-8644	808001H08M020	120065-8649
12 Pole  1-White 5-Gray 9-Black 2-Brown 6-Pink 10-Violet 3-Green 7-Blue 11-Gray-Pink 4-Yellow 8-Red 12-Red-Blue	1.5A	30V AC/DC	UL 20549	PUR (H45)	26 AWG	2.0m	80C000H45M020	120065-5040	80C001H45M020	120065-5099

Note: Sales drawings for all standard order numbers are available on molex.com

Configuration Code*
Build-a-Part Number

	Length	Code
Meters	2	M020
	5	M050
	10	M100

808000P02M0208

Coupling Nut Option
Stainless Steel 8

Cable Code

*Once an engineering number is created using the configuration code, consult Molex tech support for information regarding any part numbers.