

Brad® Micro-Change® (M12) A-Code Splitter Cordset (Europe)

120068/120009

Female Straight-to-Male Straight,
Female Right Angle-to-Male
Straight



Features and Benefits

- Splitters permit the connection of two I/O devices to a port on dual-wired distribution boxes
- 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 (K05 cable assemblies)

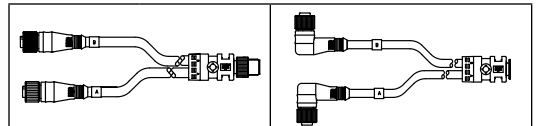
UL File No.: E152210
CSA File No.: LR6837

Physical

Connector Body: PUR (TPE for K05)
Contact Carries: Polyamide
O-ring: Viton (EPDM for E03 cables)
Coupling Nut: Nickel-plated Brass (Teflon* coated for K05)
Contacts: Copper alloy with Gold over Nickel plating
Cables: E03—Black PVC jacket, 0.34mm² PVC conductors, 300V, 80°C, UL AWM 2464
P03—Black PUR/PVC jacket, 0.34mm² PVC conductors, 300V, 80°C
H09—Black PUR jacket, 0.34mm² PVC conductors, 300V, 80°C, Low Smoke/Zero Halogen (LSOH), UL AWM 21198
K05—Yellow TPE jacket, 22 AWG PVC conductors, 300V, UL PLTC-ER, +10M flex life (torsion and bending)

Environmental

Protection: IP67
NEMA Rating: NEMA 6



Wiring Schematic	Max. Current per Contact	Max. Voltage	Cable Type	Cable Jacket (Cable Code)	Wire Size	Length	Female Straight-to-Male Straight		Female Right Angle-to-Male Straight	
							Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
	4.0A	250V AC/DC	UL 2464	PVC (E03)	0.34mm ²	0.3m	884A30E03M003	120068-8096	884A31E03M003	120068-5031
				PUR/PVC (P03)			884A30P03M003	120009-0091	884A31P03M003	120068-5142
			LSOH, UL 21198	PUR (H09)			884A30H09M003	120068-8138	884A31H09M003	120068-8137
			PLTC-ER	TPE (K05)			884A30K05M003	120068-0195	884A31K05M003	120068-0211

Note: Sales drawings for all standard order numbers are available on molex.com
*Teflon is trademark of DuPont

Configuration Code†
Build-a-Part Number

Meters	Length	Code
	0.3	M003
0.6	M006	
1.0	M010	
3.0	M030	
5.0	M050	

Coupling Nut Option
Stainless Steel 8

884A30E03M0038

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