Brad® Nano-Change® (M8) Single-Ended Cordsets (Europe)

120027/120086

Male, Pigtail
Straight, Right Angle
Threaded



Features and Benefits

- IEC compliant M8 cordset assemblies with threaded couplers
- Small, compact design for miniature sensors and space sensitive applications
- Available in 3, 4, and 5-pole versions
- Patented anti-vibration feature to prevent loosening under high vibration applications
- IP67 rated for harsh environments
- 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
  - Other types available upon request

Reference Information

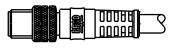
UL File No.: E152210 (PVC versions)

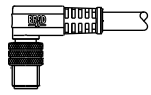
Physical

Connector Body: PUR
Contact Carries: PUR
O-ring: Viton
Coupling Nut: Nickel-plated Brass
Contacts: Copper alloy with Gold over Nickel plating
Cables: E02—Black PVC jacket, 0.25mm² PVC conductors, 300V, 80°C, UL AWM 2464
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

Environmental

Protection: IP67
NEMA Rating: NEMA 6





Poles	Current per Contact	Max. Voltage	Cable Type	Cable Jacket (Cable Code)	Wire Size	Length	Male Straight		Male Right Angle	
							Engineering No.	Standard Order No.	Engineering No.	Standard Order No.
3 Pole 4 1 3 1 - Brown 4 - Black 3 - Blue	4.0A	60V AC / 75V DC	UL 2464	PVC (E02)	0.25mm²	2.0m	403006E02M020	120086-8228	403007E02M020	120027-0106
				PUR/PVC (P02)			403006P02M020	120027-0911	403007P02M020	120086-8329
			LSOH, UL 21198	PUR (H08)			403006H08M020	120086-8390	403007H08M020	120086-8393
4 Pole 2 4 1 3 1 - Brown 3 - Blue 2 - White 4 - Black	4.0A	60V AC / 75V DC	UL 2464	PVC (E02)	0.25mm²	2.0m	404006E02M020	120086-8368	404007E02M020	120027-0483
				PUR/PVC (P02)			404006P02M020	120086-8373	404007P02M020	120086-8382
			LSOH, UL 21198	PUR (H08)			404006H08M020	120086-8392	404007H08M020	120086-8394
5 Pole 4 2 3 1 5 1 - Brown 4 - Black 2 - White 5 - Gray 3 - Blue	3.0A	60V AC / 75V DC	UL 2464	PVC (E02)	0.25mm²	2.0m	405006E02M020	120086-8173	405007E02M020	120086-8083
				PUR/PVC (P02)			405006P02M020	120027-0752	405007P02M020	120086-8061
			LSOH, UL 21198	PUR (H08)			405006H08M020	120086-8397	405007H08M020	120086-8398

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

403006E02M020
Cable Code

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