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

120027/120086

Female, 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
- LED version provide power and signal trigger indication for PNP sensors (NPN versions available upon request)
- 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

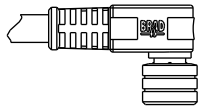
Connector Body: PUR
Contact Carries: PUR
O-ring: Viton
Coupling Nut: Nickel-plated Brass
Contacts: Copper alloy with Gold over Nickel plating
Cables: E02—Black PVC jacket, 0.25mm² PVC conductors, 300V, 80°C, UL AWM 2464
P02—Black PUR/PVC jacket, 0.25mm² PVC conductors, 300V, 80°C
H08—Black PUR jacket, 0.25mm² PVC conductors, 300V, 80°C, Low Smoke/Zero Halogen (LSOH), UL AWM 21198

Environmental

Protection: IP67
NEMA Rating: NEMA 6

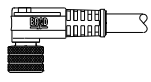
Cordset without Indicating LEDs





Pole	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.
3 Pole 4 / 3 1 1 - Brown 4 - Black 3 - Blue	4.0A	60V AC / 75V DC	UL 2464	PVC (E02)	0.25mm²	2.0m	403000E02M020	120027-0066	403001E02M020	120027-0090
				PUR/PVC (P02)			403000P02M020	120086-8001	403001P02M020	120086-8155
			LSOH, UL21198	PUR (H08)			403000H08M020	120086-8045	403001H08M020	120086-8052
4 Pole 4 2 / 3 1 1 - Brown 3 - Blue 2 - White 4 - Black	4.0A	60V AC / 75V DC	UL 2464	PVC (E02)	0.25mm²	2.0m	404000E02M020	120027-0127	404001E02M020	120027-0152
				PUR/PVC (P02)			404000P02M020	120086-8156	404001P02M020	120086-8159
			LSOH, UL21198	PUR (H08)			404000H08M020	120086-8207	404001H08M020	120027-1328
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	405000E02M020	120086-8099	405001E02M020	120086-8178
				PUR/PVC (P02)			405000P02M020	120027-0709	405001P02M020	120086-8391
			LSOH, UL21198	PUR (H08)			405000H08M020	120086-8395	405001H08M020	120086-8396

Cordset with Indicating LEDs



Poles	Current per Contact	Max. Voltage	Cable Type	Cable Jacket (Cable Code)	Wire Size	Length	Female Right Angle	
							Engineering No.	Standard Order No.
3 Pole with 1 LED 4 I/O 3 1 V(+) YLW GRN V(-) 1 - Brown 4 - Black 3 - Blue	4.0A	30V AC/DC	UL 2464	PVC (E02)	0.25mm²	2.0m	4030P1E02M020	120027-0115
				PUR/PVC (P02)			4030P1P02M020	120086-8337
			LSOH, UL21198	PUR (H08)			4030P1H08M020	120086-8219

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

443000E02M020
Cable Code

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