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**Part Number:** [120086-0464](#)  
**Status:** **Active**  
**Overview:** [Brad® Nano-Change® &#40;M8&#41; Products](#)  
**Description:** Nano-Change® (M8) Single-Ended Cordset, 3 Poles, Female (90°) to Pigtail, with PNP LED Sensors, 0.34mm2 PUR/PVC Cable, 5.0m Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                 |  |
|-----------------|--|
| Product Family  | Industrial Cordsets  |
| Series          | 120086   |
| Connector End A | Nano-Change® (M8)  |
| Connector End B | Pigtail  |
| IP Rating       | IP67   |
| NEMA Rating     | NEMA 6   |
| Overview        | <a href="#">Brad® Nano-Change® &amp;#40;M8&amp;#41; Products</a> |
| Product Name    | Nano-Change® (M8)  |
| Type            | Single Ended   |
| UPC             | 78678897277  |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 4.32mm (.170")      |
| Cable Length                  | 5.0m                |
| Color - Cable Jacket          | Black               |
| Coupling Style                | Threaded            |
| Gender                        | Female-Pigtail      |
| LED Indicator                 | For PNP Sensors     |
| Material - Cable Jacket       | PUR/PVC             |
| Material - Connector Body     | TPU                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Viton               |
| Material - Plating Mating     | Gold over Nickel    |
| Net Weight                    | 154.640/g           |
| Orientation                   | 90° to Straight     |
| Poles                         | 3                   |
| Temperature Range - Operating | -30°C TO +80°C      |
| Wire Size AWG                 | 24                  |
| Wire/Cable Type               | N/A                 |

**Electrical**

|                               |           |
|-------------------------------|-----------|
| Current - Maximum per Contact | 4A        |
| Voltage - Maximum             | 10-30V DC |

**Material Info**

|                 |               |
|-----------------|---------------|
| Old Part Number | 4030P1P03M050 |
|-----------------|---------------|

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | SD-120086-022 |
|---------------|---------------|



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC Not Reviewed**  
**Low-Halogen Status Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

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120086Series