

**General Information**

<b>Part Number:</b>	76650-0221
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Nano-Change Connector and Cable Kit
<b>Description:</b>	M8 Field-Attachable 3 Pole Male and Female Panel Mount Receptacle, Straight Connector and Receptacle and 5m Single-Ended Cable
<b>Product Family:</b>	Nano-Change®
<b>Certificates:</b>	(Molex Parts within this kit) - EU and China RoHS Compliant, UL and CSA
<b>Country of Origin:</b>	Kit assembled in U.S.A.

**Specifications**

<b>Design Configuration:</b>	Wire-to-Wire
<b>Thread Standard:</b>	M8
<b>Connector Type:</b>	Receptacles and Cables
<b>Mounting Orientation:</b>	Straight
<b>Circuit Sizes:</b>	3
<b>Current Rating:</b>	4 Amps
<b>Voltage:</b>	60V AC / 75V DC
<b>Wire size:</b>	24 AWG

**Product Highlights**

Brad Harrison Nano-Change (M8) connectors and cordsets offer the industry's broadest selection of space-saving cordsets, receptacles, inserts, splitters, and molded junction boxes. They provide rugged performance in tight spaces while minimizing downtime, maintenance and wiring time.

**Features and Benefits**

- Threaded connectors for secure mating retention
- M8 is an industry standard connector that allows for direct connection to sensors and switches
- Nickel-plated brass nut for corrosion resistance

**Applications**

- Proximity sensors
- Photoelectric sensors
- Hall effect switches
- NFPA and ISO cylinders

**For additional Molex / Waldom Design and Solution kits please go to [www.molexkits.com](http://www.molexkits.com)**

**Bill of Materials for Part No. 76650-0221**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
403000A10M050	Mexico	Single Ended Female 3 wire cord 5 Meter long with straight coupler, 24 AWG	1
4R3P06A27C300	Germany	3 Pole Male panel mount Receptacle with 30 cm long 24 AWG cable	1
4R3P00A27C300	Germany	3 Pole Female panel mount Receptacle with 30 cm long 24 AWG cable	1
N03FA03124	Germany	3 Pole Female Field-Attachable threaded Connector	1
N03MA03124	Germany	3 Pole Male Field-Attachable threaded Connector	1

**No Recommended Molex Tool(s) for Part No. 76650-0221**

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