

**General Information**

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

**Specifications**

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

Molex Part No.	Country of Origin	Description	Quantity in Kit
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**