

# 3M™ Mini-Clamp, Link and Power Clamp Connectors

The 3M Mini-Clamp, Link and Power Clamp connectors featuring IDC termination offer a time-saving, reliable and field-installable wiring solution.

## 3M™ Mini-Clamp Connectors

28 to 20AWG wire  
32V, 3.0A maximum

**Common applications:**  
Connect to equipment  
(e.g., sensors, switches)

## 3M™ Link Connectors

22 to 16AWG wire  
160V, 5.0A maximum

**Common applications:**  
Branching and splicing  
into existing networks

## 3M™ Power Clamp Connectors

20 to 18AWG wire  
250V, 6-10A maximum

**Common applications:**  
Field networking systems

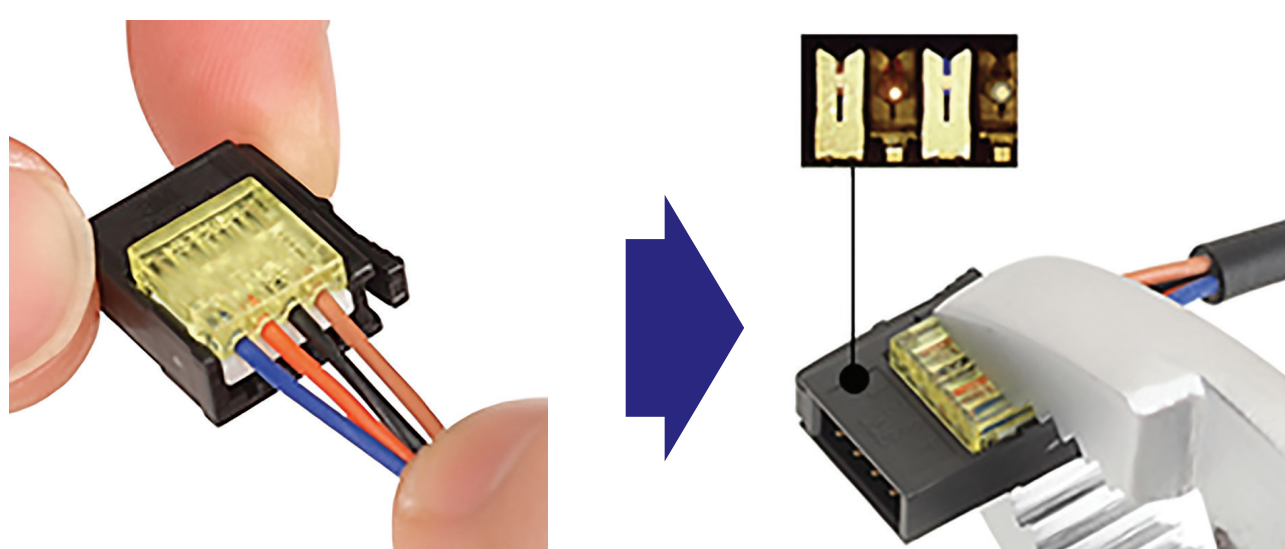


**Simple termination process for fast, reliable installation and maintenance**

- Minimize risk of conductor damage with no wire stripping.
- Stable termination quality with IDC increases reliability of sensor wiring.
- Supports wires 28 to 20AWG.

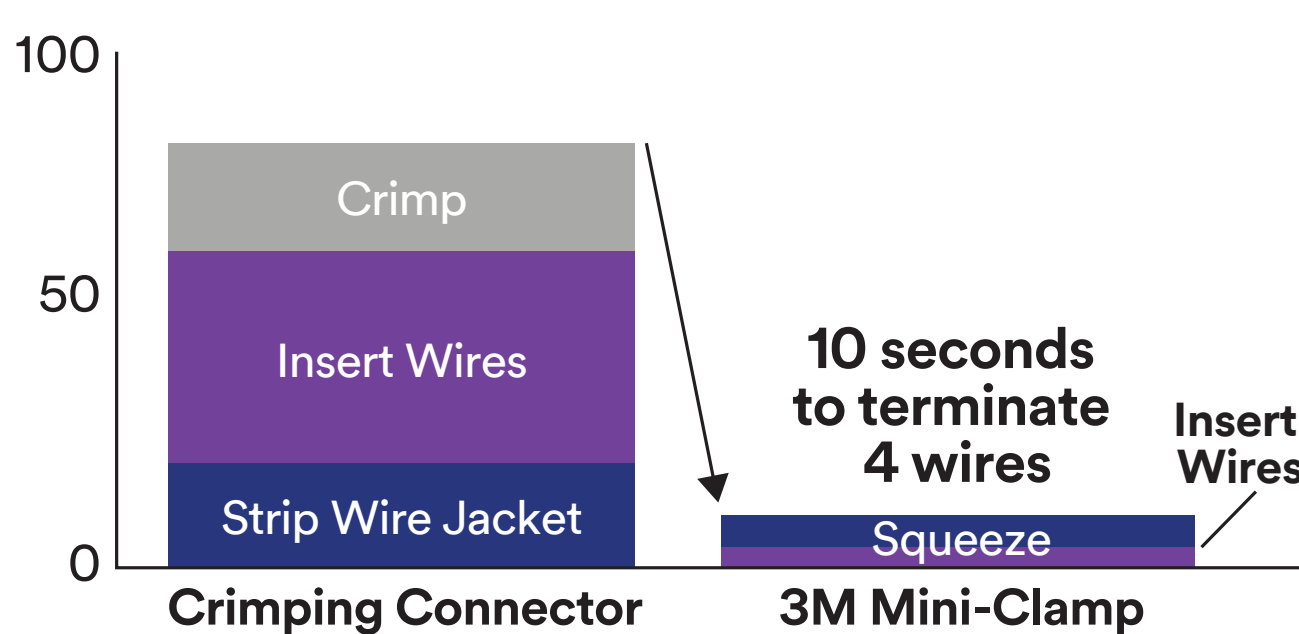
**Optimize network layout with field-installability**

- Easily connect to pig-tail wired sensors.
- Field termination allows for optimal cable lengths to save space and wire efficiently.



Insert wires with insulation

Squeeze with pliers



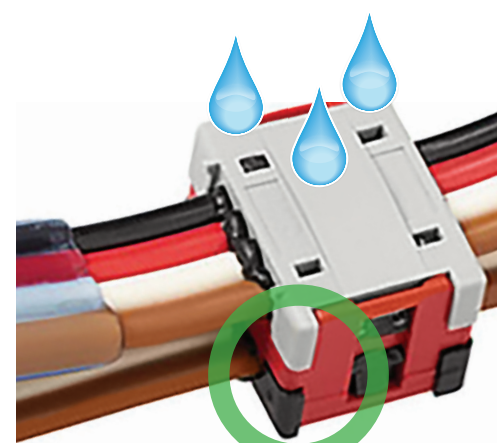
**Enables branched networks and splicing into existing networks**

- Provides networking efficiency by optimizing signal and power line routing to terminal.
- Allows installation of additional small devices without adding signal and power lines from controller.
- Supports wires 22 to 16AWG.



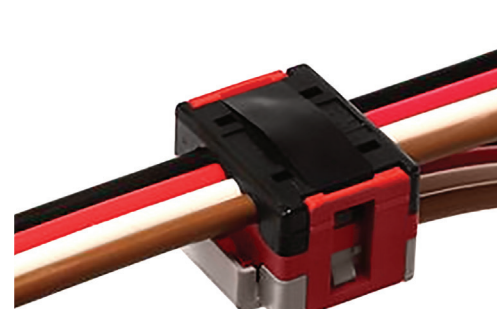
**3M™ Link Connectors, 381 and 382 Series (Detachable 2-piece type)**

- Existing offering
- Removable



**3M™ Splash-proof One Piece Branch (OPB) Link Connector**

- IPX4 water protection rating



**3M™ One Piece Branch (OPB) Link Connector**

- Small size
- Fewer parts in field



3M Mini-Clamp Connector to Sensor



**3M™ Branch Mini-Clamp Link Connector**

- Provides direct connection of 3M Link Connector to 3M Mini-Clamp Connector (system line to sensor line)

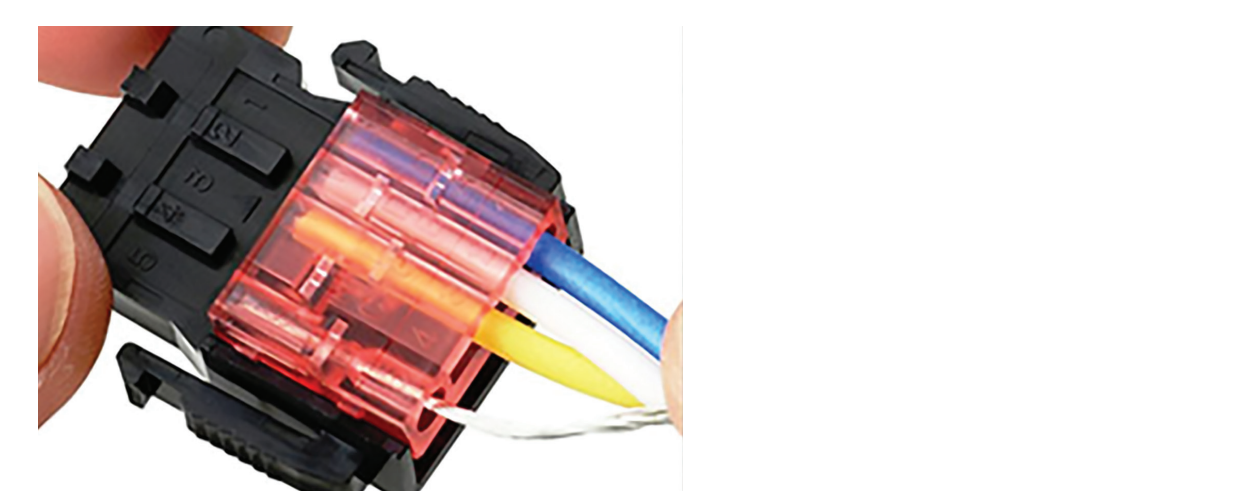


**Splicing adapter with fast, reliable installation**

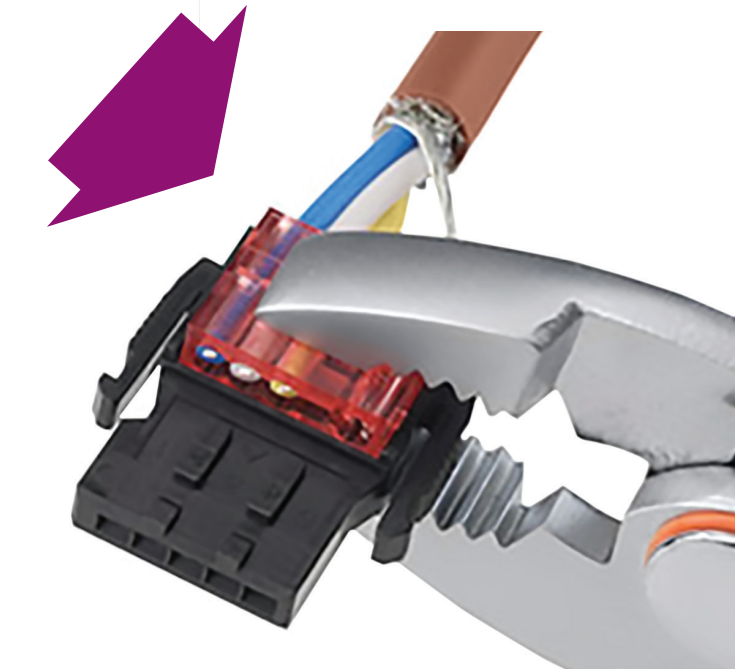
- Smaller connector size than most standard screw-type alternatives.
- Supports 250 Volts, 10A max (1 line), 7A max (all lines).
- Supports 20 to 18AWG wire.
- Compatible with CC-Link Communication Interconnect Standard.

**Simple Installation**

One-touch latching mechanism maintains a reliable connection in demanding field applications and only requires one hand to easily mate and unmate.



Just insert wires with insulation



Squeeze with pliers