

Ethernet Media
Field Attachables
 M12 Insulation Displacement Connectors



Field Attachable

Features

- Field installable with no hand tools needed
- Straight male or female shielded versions
- Allows easy modification of existing cable installations
- Insulation displacement technology for secure and reliable installation
- Metal body unit excellent in shielding applications

Specifications

Mechanical	
Coupling Nut Material	Zinc die-cast
Connector Shell Material	Zinc die-cast or polyamide
Contact Material	Gold-plated brass
IDC Installations	10 times, max.
Conductor OD [mm (in.)]	Unshielded: 26...22 AWG: 1.0...1.6 (0.04...0.063); Shielded: 24...22 AWG: 1.2...1.6 (0.04...0.063)
Electrical	
Assembly Rating	32V, 4 A
Environmental	
Enclosure Type Rating	IP67
Operating Temperature [C (F)]	-25...+85 ° (-13...+185 °)
Installation Temperature [C (F)]	-5...+50 ° (23...185 °)

Approximate Dimensions

Dimensions are in millimeters (inches). Illustrations are not drawn to scale.

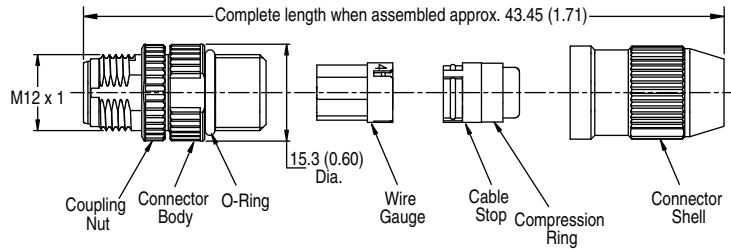
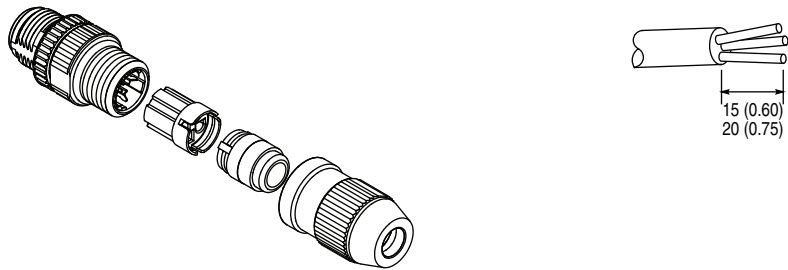


Figure A

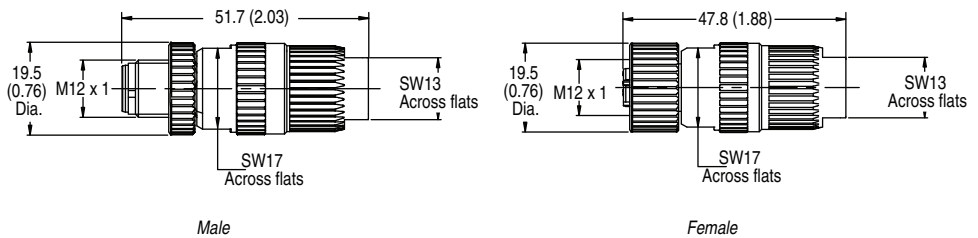




Figure B

Pinout

Color Code	Face View M12 Pinout	
	4-Pin	
		
A	1 White-Orange 2 White-Green	3 Orange 4 Green

Product Selection

No. of Pins	Connector Material	Cable Diameter [mm (in.)]	Wire Size, AWG	Assembly Rating	Dimensions	Cat. No.	
						Straight Female	Straight Male
4	Polyamide small body unshielded	4.0...5.1 (0.16...0.20)	26...22 AWG	32V, 4 A	Figure A	—	1585D-M4DC-H
	Zinc die-cast large body shielded	5.5...7.2 (0.22...0.28)	24...22 AWG		Figure B	1585D-F4DC-SH	1585D-M4DC-SH