■ Wire Seal Examples

The Quick Connect Series offers several sealing options to accommodate many design requirements. The QC connectors can be used unsealed, or with additional items can be sealed up to an IP68 watertight seal. Below are a few examples of possible sealing options. Refer to the back fittings section to see a complete list of all of the options.

Description	Components
Provides seal against insulation on individual wires.	
Provides seal between connector and adapter, and against jacketed cable.	
Provides seal against insulation on individual wires, between connector and adapter, and against jacketed cable. Includes strain relief.	

Notice

Diameter .18-.43 (4.5-11.0) cable sealing, compression fittings must be correctly tightened to achieve IP68 watertight seal.

Tools & Contacts

The Quick Connect Series uses special contacts and tools. The contacts are smaller and designed for high pin density. Removal tools along with multiple crimp tools are available and are designed to work with the smaller contacts and tighter pin arrangements. The Common Contact System and tools are not compatible with the Quick Connect Series.

■ Tools for Quick Connect Series

Tools for Solid Contacts	
Part Number	**Adjustable Hand Crimp Tools**
MH860	QC/IMC #22 crimp tool, adjustable AWG ranges, requires 86-5
86-5	QC/IMC crimp tool positioner for MH860
AF8-TH163	QC/IMC #20 and #16 crimp tool, adjustable AWG ranges
	Single Gauge Hand Crimp Tools
AMSC22/1	QC/IMC #22 crimp tool, low cost, only crimps 22 AWG wire
AMSC20/1	QC/IMC #20 crimp tool, low cost, only crimps 20 AWG wire
AMSC16/A/1	QC/IMC #16 crimp tool, low cost, only crimps 16 AWG wire
	Insert/Removal Tools
6757-201-2201	Insert/Removal Tool #22
6757-201-2001	Insert/Removal Tool #20
6757-201-1601	Insert/Removal Tool #16

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Tools & Contacts

The Industrial Micro Connect Series uses special contacts and tools. The contacts are smaller and designed for high pin density. Removal tools along with multiple crimp tools are available and are designed to work with the smaller contacts and tighter pin arrangements. The Common Contact System and tools are not compatible with the IMC Series.

■ Tools for IMC Series

Tools for Solid Contacts	
Part Number	**Adjustable Hand Crimp Tools**
MH860	QC/IMC #22 crimp tool, adjustable AWG ranges, requires 86-5
86-5	QC/IMC crimp tool positioner for MH860
AF8-TH163	QC/IMC #20 and #16 crimp tool, adjustable AWG ranges
	Single Gauge Hand Crimp Tools
AMSC22/1	QC/IMC #22 crimp tool, low cost, only crimps 22 AWG wire
AMSC20/1	QC/IMC #20 crimp tool, low cost, only crimps 20 AWG wire
AMSC16/A/1	QC/IMC #16 crimp tool, low cost, only crimps 16 AWG wire
	Insert/Removal Tools
6757-201-2201	Insert/Removal Tool #22
6757-201-2001	Insert/Removal Tool #20
6757-201-1601	Insert/Removal Tool #16

■ Solid Contacts for IMC Series

Size	Solid Contact Part Numbers		Wire Size AWG	Recommended Strip Length Inches (mm)
	Pin	**Socket**		
22	6860-201-22278	6862-201-22278	22, 24, 26	.160-.190 (4.06-4.83)
20	6860-201-20278	6862-201-20278	20, 22, 24	.230-.260 (5.84-6.60)
16	6860-201-16278	6862-201-16278	16, 18, 20	.230-.260 (5.84-6.60)

Size	PCB Pin Part Number
22	6860-202-22278
20	6860-202-20278
16	6860-202-16278