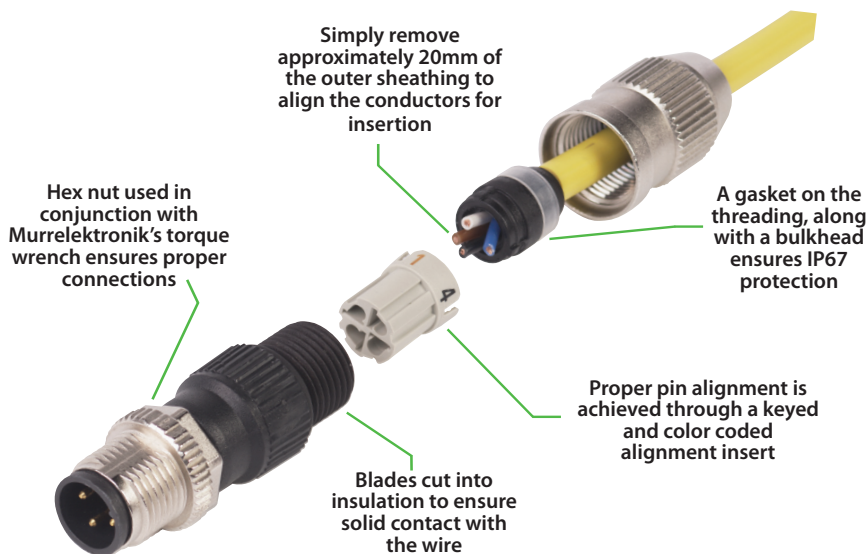




Insulation Displacement Connectors

■ Murrelektronik's Insulation Displacement Connectors (IDC) are a fast and easy way to terminate cables with either M8 or M12 connections. These robust connectors are rated to IP67 and can stand up to tough industrial environments.



IDC Products are ideal for the service tech in the field, the maintenance tech on the plant floor, and the assembly tech working to get a machine out the door on time.

With minimal tools needed, these connectors are the fastest way to terminate a cable to a connector. IDC products from Murrelektronik take less than 50% of the time it takes to install a traditional screw terminal connector. With razor style blades in the base to make the actual connection to the wire, the IDC connector makes connection easy by simply tightening the strain relief, by hand, with minimal force. No more force is needed that it takes to re-tighten a drink cap.

For more details on how Murrelektronik's IDC's can save you time and money, please call your distributor or Murrelektronik's customer service representatives at 1-888-230-MURR (6877).



ADVANTAGES OF INSULATION DISPLACEMENT CONNECTORS

- Male and Female connector options
- Quick turn MQ12 connectors available
- Stripping of individual conductors no longer necessary, simply remove 20mm of the cable jacket
- Color Coded Sleeves for simple conductor alignment
- Keyed compression ring for easy alignment to the terminal pins
- Decrease wiring connection efforts
- IDC connectors reduce the chances for improper pin & conductor alignment
- Maintains the IP67 rating when properly installed













TAKE ADVANTAGE OF MURRELEKTRONIK'S SAME DAY SHIPPING GUARANTEE.

- All products stocked at U.S. warehouse can be shipped the same day*
- Products at U.S. warehouse can be drop-shipped directly to end-users for faster, customized delivery!*
- Products stocked at German warehouse can be shipped and delivered in less than one week – guaranteed!*

* Certain restrictions apply, please call for details on select items

M8 Connectors - Field Wireable
























Order Number: **7000-(Form No.)-0000000** - get form number from below.

Insulation displacement technology						
Form No.		Male	Female	Male	Male	
3-Pole		08321 	08361 	08331 	08371 	
	4-Pole	08341 	08381 	08351 	08391 	
Technical Data		Stainless Steel				
Supply voltage		max. 32 V				
Nominal current		max. 3 A				
Voltage isolation		500 V				
Conductor diameter		≥ 0.1 mm (acc. to DIN VDE 0812)				
Outer wire diameter		1.2...1.6 mm				
Outer cable diameter		4...5.1 mm				
Protection		IP67				

M12 Connectors - Field Wireable













Order Number: **7000-(Form No.)-0000000** - get form number from below.

Stainless Steel Order Number: **7002-(Form No.)-0000000** - get form number from below.

Insulation displacement technology													
		Male	Female	Male	Female	Male	Female	Female	Male	Female	Male	Female	
Form No.	3-Pole	12461 	12581 	12541 	12661 			12671 	12511 				
	4-Pole	12481 	12601 	12561 	12681 	12491 	12611 	12691 	12521 	12641 	12481 	12601 	
Technical Data							Slimline		With LED		Stainless Steel		
Supply voltage		max. 32 V											
Nominal current		max. 3 A											
Voltage isolation		500 V											
Conductor diameter		≥ 0.1 mm (acc. to DIN VDE 0812)											
Outer wire diameter		1.2...1.6 mm					1.0...1.6mm				1.6...2.0 mm		
Outer cable diameter		4...5.1 mm					2.9...5.1mm				4...5.1 mm		
Protection		IP67											

MQ12 Connectors - Field Wireable

Order Number: **7050-(Form No.)-0000000** - get form number from below.

Insulation displacement technology					
		Male	Female	Male	Female
Form No.	3-Pole	12461 	12581 	12511 	12631 
	4-Pole	12481 	12601 	12521 	12641 
Technical Data					
Supply voltage		max. 32 V			
Nominal current		max. 3 A			
Voltage isolation		500 V			
Conductor diameter		≥ 0.1 mm (acc. to DIN VDE 0812)			
Outer wire diameter		1.2...1.6 mm		1.6...2.0 mm	
Outer cable diameter		4...5.1 mm		5.5...8.0 mm	
Protection		IP67			

Murrelektronik is a leading, worldwide supplier of cord sets, distribution boxes, DIN valve connectors, power supplies, relays and many other products. "From the control cabinet via the interface passive and active into the field", Murrelektronik has your connectivity solutions