

Industrial Connectivity and Control Products

Features and Benefits

IP66
SUITABILITY

Nano-Quick® Field Attachable Connectors - IDC Style

Allows field installation of control connector. Insulation Displacement Contacts do not require stripped conductors, greatly speeding installation.

Material Specifications

Housing	Polyester Elasomer, Black
Wire Guide	Nylon 6/6, Gray
Strain Relief Bushing	Neoprene, Black
Contact Materials	Copper Alloy
Contact Plating	Tin over Nickel
Coupling Nut	Zinc Alloy with Nickel Plating
O-ring	Neoprene, Black
Cable Compression Nut	Zinc Alloy with Nickel Plating

Electrical Specifications

Voltage Rating	32VAC/DC
Wire Range	#22 AWG max., #24 AWG min.
Cable Diameters	.13" to .21" (3.3 to 5.3 mm)
Amperage	3A
Contact Resistance	< 5 mΩ



Housing Design

- Rugged, nickel-plated hardware, excellent corrosion and abuse resistance
- Strain relief bushing protects terminations and provides IP66 ingress protection
- Operating temperature -20°C to 110°C



Internal Design

- Copper alloy insulation displacement contacts
- Wire guide for virtually toolless termination

Nano-Quick® IDC

Poles	Male Face Shown Female - mirror image	Cable Range	Wire Gauge	Female Connector	Male Connector
				Straight	Straight
3		.13"-.21" (3.3-5.3)	22 - 24	NCTS13IDC	NITS13IDC
4		.13"-.21" (3.3-5.3)	22 - 24	—	NITS14IDC

Female, Straight



NCTS13IDC

Male, Straight



NITS13IDC

Dimensons in Inches (mm)