


# HBMS03501 -- Mini-Quick Control Connectors



## Mini-Quick™ Quick Connect Control Connectors

Introducing the new Hubbell Mini-Quick line of molded control connectors for automated manufacturing and signal & control applications. Mini-Quick has been designed to withstand the harsh environments.

## Product Specifications

Product Type	<div><p>Mini-Quick Series</p></div>
Signal-Quick Product Type	Male Receptacle
Body Style	Straight
Poles	3
Insulator Materials	Nylon 6/6, White
Contact Materials	Pins: Brass, Sockets: Leadless Nickel Copper w/ Stainless Steel Sleeve.
Contact Plating	Hard Gold over Palladium/Nickel
Overmold Material	Polyurethane, Black
Coupling Nut, Metallic	Nickel Plated Brass
Coupling Nut, Nylon	Nylon 6/6, Black
Receptacle Shell	Nickel Plated Brass
Receptacle Shell, Non-Metallic	Nylon 6/6, Black
Receptacle Shell, Angle	Nickel Plated Zinc Alloy Die Cast
Cable	#16 AWG ST00W- PVC jacket, Black, PVC Conductor Insulation, Stranding - 65/34, #16 AWG SE00W - TPE jacket, Black, PVC Conductor Insulation, Stranding - 65/34, #18 AWG ST00W - PVC jacket, Black, PVC Conductor Insulation, Stranding - 41/34, #18 AWM2661 - PVC jacket, Black, PVC Conductor Insulation, Stranding - 41/34.
Strain Relief	#16 AWG & #18 AWH - 30 pounds min per UL2238.
Voltage Rating	600V DC/600V AC
Amperage	#16 AWG - 2&3P=15A, 4P=12A, 5&6P=10A, 7P=10A, 8&9P=9a, 10&12P=8A; #18 AWG 2&3P=11A, 4P=8A, 5&6P=7A
Contact Resistance	£ 5 MW
Isolation Resistance	<sup>3</sup> 1000 MW
Moisture Protection	UL Type 4, 4X, 12 and 13
Ingress Protection	IP67
Operating Temperature	ST00W & AWM2661 cables: -20° C to 105° C, SE00W cable: -40° C to 105° C
Corrosion Resistance	500 hours salt spray per MIL-STD-1344, METHOD 1001
Vibration Resistance	10-2,000 Hz@15g per MIL-STD-1344, Method 2005
Certifications	UL 2238 and UL50, File No. E192071. CSA Certified, C22.2 No. 182.3 and CSA C22.2 No. 94
Product Description	Mini-Quick Control Connectors are a line of environmentally protected, industrial circular connectors typically used for the installation and quick disconnect of solenoid valves, photo eyes, limit switches and 18 and 30 mm proximity switches, The electric

FEATURES	BENEFITS
<ul style="list-style-type: none"> <li>• Nickel plated, brass coupling nuts and receptacle shells</li> <li>• Hard gold over Palladium Nickel contact</li> </ul>	<ul style="list-style-type: none"> <li>• Cost effective plating resists corrosion in high abuse environments.</li> </ul>
UPC Number	78358583610
Weight in LBs	0.2
Link to Drawing Library	<a href="#">Click here for Library</a>
Link to PDF Catalog	<a href="#">Click here for Catalog</a>

### Features/Benefits

1.14" (28.96)

.44" (11.18)

1.11" (28.19)

12" (304.8)

.87" (22.1)

.250" (6.35) MAX. PANEL THICKNESS

7/8 - 16 UN THREAD

1/2" NPT

.830" (21.08) PANEL CUTOUT

Dimensional Drawing

1

2

3

Pole Configuration