

DC Micro Style Terminal Chambers



DC Micro Socket

Specifications

Attribute	Value
Mechanical	
Coupling nut material	Nickel-plated brass
Connector shell material	- Embedded thermistor models: Nylon - All other models: PBT
Contact material	Gold-plated palladium nickel
Cable diameter, max	18 AWG (0.75 mm ²)
Electrical	
Assembly rating	4- or 5-pin: 250V, 4 A 8-pin: 60V, 2 A
Environmental	
Enclosure type rating	IP67
Operating temperature	-40...+88 °C (-40...+185 °F)

Product Selection

Single-cable Model Terminal Chambers

No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.			
				Straight Socket	Right-angle Socket	Straight Plug	Right-angle Plug
4-pin	4.0...6.0 (0.16...0.24)	250V, 4 A	PG 7	871A-TS4-D	871A-TR4-D	871A-TS4-DM	871A-TR4-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS4-D1	871A-TR4-D1	871A-TS4-DM1	871A-TR4-DM1
5-pin	4.0...6.0 (0.16...0.24)		PG 7	871A-TS5-D	871A-TR5-D	871A-TS5-DM	871A-TR5-DM
	6.0...8.0 (0.24...0.32)		PG 9	871A-TS5-D1	871A-TR5-D1	871A-TS5-DM1	871A-TR5-DM1
8-pin	6.0...8.0 (0.24...0.32)	60V, 2 A	PG 9	871A-TS8-D1	—	871A-TS8-DM1	—

Dual-cable Model Terminal Chambers

No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Rear Nut Thread Size	Cat. No.	
				Straight Plug	Right-angle Plug
4-pin	Two cables 2.1...3.0 (0.08...0.12) or 3.5...5.2 (0.14...0.21)	250V, 4 A	PG 9	871A-VS4-DM	871A-VR4-DM
5-pin				871A-VS5-DM	871A-VRS-DM

Embedded Thermistor Terminal Chambers

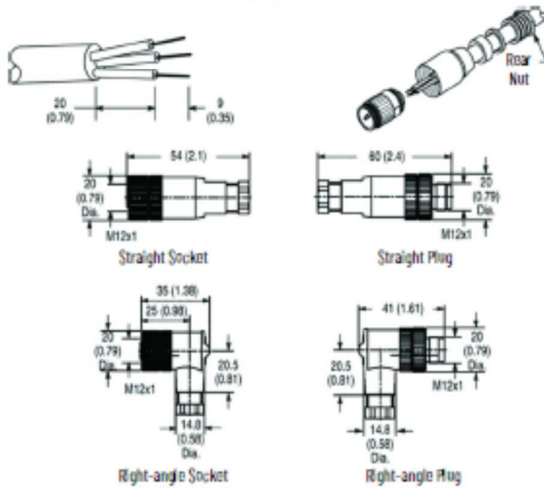
No. of Pins	Cable Jacket Diameter [mm (in.)]	Assembly Rating	Wiring Diagram	Cat. No. ⁽¹⁾	
				Straight Plug	Right-angle Plug
4-pin	3.0...6.5 (0.12...0.26)	250V, 4 A		871A-TS4CJC-DM	871A-TR4CJC-DM

(1) The standard for this model is nickel-plated brass coupling nuts and is not available in stainless steel.

IMPORTANT For stainless-steel coupling nuts, add an S to the catalog number (for example, 871AS-TS4-DM).

Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for manufacturing purposes.



Pinout

Face View Pinout			
4-pin	5-pin	8-pin	
Socket	Plug	Socket	Plug