



Datasheet for part number CA01COMPG28A16S

Our Catalog Part Number: CA01COM-PG28A16S
Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA COM

Product Datasheet	
Thread	Connector with Threaded Coupling
Shell Style	Cable connecting plug
Endbell Style	Endbell for PG cable gland termination
Gender	Socket
Shell Size	28
Contact Arrangement	28A16
Number of contacts	4 contacts size 4, 5 contacts size 16
Contact Type	Solder Cup
Contact Plating	Hard silver
Contacts installed	yes
Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S)	22 A
Contact Rating at +20 °C (68 °F) (Size 160/4)	135 A
Contact Resistance (Size 15/15S/16/16S)	6 mΩ
Contact Resistance (Size 160/4)	0,5 mΩ
Operating Voltage	In case of voltages greater than 50V the connector must be used in accordance with DIN VDE part 410, IEC 60364-4-41.
Insulator Resistance	≥1000 MΩ
Test Voltage	1600 Vrms
Air and Creepage Paths (Min)	1,1 mm
Ambient Temperature	Standard insulator material -55°/+125°C (-67/257°F)
Safety Provisions	IP67 (only applies if a grommet is used)
Mating Cycles	500 min
Sep. Force per Contact (Size 15/15S/16/16S)	1,0 N
Sep. Force per Contact (Size 160/4)	4,0 N
Gage	For infos on Gage please see catalog VG95234, part 1
Coupling Torque	Closing: 7 Nm max / Opening: 0,92 Nm min
Contact Retention (Size 15/15S/16/16S)	35 N
Contact Retention (Size 160/4)	90 N
Shell Material	Aluminium alloy
Shell Plating	Nickel plated
Insulator and Gromet Material	CR-Elastomere
Contact Material	Copper alloy
Harnessing Info: Contact Cross-Section	See assembly instruction
Harnessing Info: Insulator Diameter	See assembly instruction
Wire Stripping (Size 15/15S/16/16S)	6,2 mm
Wire Stripping (Size 160/4)	11,8 mm
General Info	<i>All tests in accordance with VG95319 and/or if applicable with VG95210 except salt spray resistance and heat and humidity endurance test</i>

Specifications and dimensions subject to change.