



## Datasheet for part number VG95234B1-32-7SN

|                                                                                      |
|--------------------------------------------------------------------------------------|
| Our Catalog Part Number: VG95234B1-32-7SN                                            |
| Our Global Manufacturing Part Number: 121096-3045                                    |
| Brand: Cannon Product Category: Circular Product Line: CA Bayonet Series: CA BAYONET |

| Product Datasheet                                     |                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Bayonet                                               | Connector with bayonet coupling                                                                                       |
| Shell Style                                           | Box mounting receptacle (rear mount, threaded holes in flange)                                                        |
| Gender                                                | Socket                                                                                                                |
| Shell Size                                            | 32                                                                                                                    |
| Contact Arrangement                                   | 32-7                                                                                                                  |
| Number of contacts                                    | 7 contacts size 25, 28 contacts size 15                                                                               |
| Contact Type                                          | Metric Crimp                                                                                                          |
| Contact Plating                                       | Hard silver                                                                                                           |
| Shielding                                             | no                                                                                                                    |
| Contact Rating at +20 °C (68 °F) (Size 15/15S/16/16S) | 22 A                                                                                                                  |
| Contact Rating at +20 °C (68 °F) (Size 25/12)         | 41 A                                                                                                                  |
| Contact Resistance (Size 15/15S/16/16S)               | 6 mΩ                                                                                                                  |
| Contact Resistance (Size 25/12)                       | 3 mΩ                                                                                                                  |
| Wire Cross Section                                    | 2,0-3,0 mm <sup>2</sup> (Size 25), 0,75-1,5 mm <sup>2</sup> (Size 15)                                                 |
| 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                                  | Acc. To VG95319, part 2, test no. 5.12 and VG95210, part 32, test conditions B, standard insulator material > 1000 MΩ |
| Test Voltage                                          | 1050 Vrms                                                                                                             |
| Air and Creepage Paths (Min)                          | 0,7 mm                                                                                                                |
| Ambient Temperature                                   | Standard insulator material -55°/+125°C (-67/257°F)                                                                   |
| Safety Provisions                                     | IP67 acc. to DIN 40 050 and IP68 (1 bar pressure for 16h)                                                             |
| Salt Spray Resistance                                 | 500 hours salt spray resistant                                                                                        |
| Mating Cycles                                         | 500 min                                                                                                               |
| Sep. Force per Contact (Size 15/15S/16/16S)           | 1,0 N                                                                                                                 |
| Sep. Force per Contact (Size 25/12)                   | 1,5 N                                                                                                                 |
| Gauge                                                 | For infos on Gauge please see catalog VG95234, part 1                                                                 |
| Coupling Torque                                       | Closing: 19 Nm max / Opening: 1,03 Nm min                                                                             |
| Contact Retention (Size 15/15S/16/16S)                | 35 N                                                                                                                  |
| Contact Retention (Size 25/12)                        | 55 N                                                                                                                  |
| Shell Material                                        | Aluminium alloy                                                                                                       |
| Shell Plating                                         | Olive drab chromate over cadmium plating (conductive)                                                                 |
| Insulator and Grommet Material                        | CR-Elastomere                                                                                                         |
| Contact Material                                      | Copper alloy                                                                                                          |
| Harnessing Info: Contact Cross-Section                | <a href="#">See assembly instruction</a>                                                                              |

Specifications and dimensions subject to change.



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|                                     |                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------|
| Product Datasheet                   |                                                                               |
| Harnessing Info: Insulator Diameter | <a href="#">See assembly instruction</a>                                      |
| Wire Stripping (Size 15/15S/16/16S) | 6,2 mm                                                                        |
| Wire Stripping (Size 25/12)         | 6,2 mm                                                                        |
| General Info                        | <i>All tests in accordance with VG95319 and/or if applicable with VG95210</i> |

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