

# ONC-BS

- OHЦ-BC-1(2)

Type electrical connectors are used in DC and AC circuits. The plug and socket are bayonet connection.

Plug without tail attached to smoke socket with straight plastic tail attached.



- Localized model: **ONC-BS**

- **Technical performance**

Contact resistance:  $\leq 5 \text{ m}\Omega$

Insulation resistance:  $\geq 1000 \text{ M}\Omega$  (Under normal conditions)

Operation temperature:  $-60^\circ\text{C} \sim +85^\circ\text{C}$

Vibration:  $1-5000 \text{ Hz } 20\text{g}$

Shock: once  $1000\text{g}$  multiple times  $100\text{g}$

Contact diameter:  $\varnothing 1,0\text{mm}$

Working current, operating voltage:

| Shell number | Number of contacts | Single contact Working current (A) | Sum of current (A) | Operating Voltage (V) |
|--------------|--------------------|------------------------------------|--------------------|-----------------------|
| 10           | 4                  | 3,7                                | 15                 | 250                   |
| 12           | 7                  | 3,1                                | 22                 | 250                   |
| 14           | 10                 | 3,0                                | 30                 | 250                   |
| 18           | 19                 | 2,1                                | 40                 | 250                   |
| 22           | 32                 | 1,8                                | 60                 | 250                   |
| 27           | 50                 | 1,5                                | 75                 | 250                   |

Mechanical life: 250 cycles, Operating hours: 5000 hour

Guarantee period: 15 years, Technical conditions: EPO.364.030TY

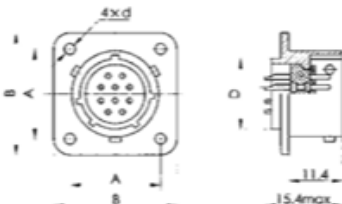
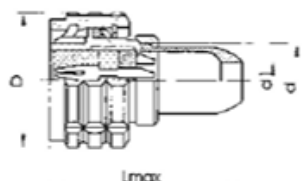
- **Contact Arrangements**

| Shell number    | 10 | 12 | 14 | 18 |
|-----------------|----|----|----|----|
| No. of contacts | 4  | 7  | 10 | 19 |
| Arrangement     |    |    |    |    |
| Shell number    | 22 |    | 27 |    |
| No. of contacts | 32 |    | 50 |    |
| Arrangement     |    |    |    |    |

| Marking description                                                      |               |             |             |             |             |               |          |
|--------------------------------------------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|----------|
| Russian:                                                                 | <b>ОНЦ-БС</b> | <b>1(2)</b> | <b>4/10</b> | <b>B(P)</b> | <b>1(2)</b> | <b>1(2,3)</b> | <b>B</b> |
| ОНЦ - round<br>Б - bayonet<br>С - subminiature                           |               |             |             |             |             |               |          |
| 1 silver, 2 gold                                                         |               |             |             |             |             |               |          |
| Number of contacts / Shell number                                        |               |             |             |             |             |               |          |
| B - receptacle (with pin) P - plug (with hole)                           |               |             |             |             |             |               |          |
| 1.Receptacle without housing<br>12.Plug with unshielded straight housing |               |             |             |             |             |               |          |
| Polarization                                                             |               |             |             |             |             |               |          |
| All-climatic version                                                     |               |             |             |             |             |               |          |

|                                                                          |               |             |             |             |             |               |          |
|--------------------------------------------------------------------------|---------------|-------------|-------------|-------------|-------------|---------------|----------|
| China:                                                                   | <b>ONC-BS</b> | <b>1(2)</b> | <b>4/10</b> | <b>B(P)</b> | <b>1(2)</b> | <b>1(2,3)</b> | <b>B</b> |
| ONC - round<br>B - bayonet<br>S - subminiature                           |               |             |             |             |             |               |          |
| 1 silver, 2 gold                                                         |               |             |             |             |             |               |          |
| Number of contacts / Shell number                                        |               |             |             |             |             |               |          |
| B - receptacle (with pin) P - plug (with hole)                           |               |             |             |             |             |               |          |
| 1.Receptacle without housing<br>12.Plug with unshielded straight housing |               |             |             |             |             |               |          |
| Polarization                                                             |               |             |             |             |             |               |          |
| All-climatic version                                                     |               |             |             |             |             |               |          |

| Shape and installation dimensions |
|-----------------------------------|
|-----------------------------------|

| Receptacle without tail attached (pin)                                              |               |     |      |    |     | Plug with tail attached (socket)                                                     |               |          |     |       |
|-------------------------------------------------------------------------------------|---------------|-----|------|----|-----|--------------------------------------------------------------------------------------|---------------|----------|-----|-------|
|  |               |     |      |    |     |  |               |          |     |       |
| Shell number                                                                        | Dimensions mm |     |      |    |     | Shell number                                                                         | Dimensions mm |          |     |       |
|                                                                                     | D             | d   | A    | B  | b   |                                                                                      | D             | d        | d1  | L max |
| 10                                                                                  | 10            | 2,2 | 11,8 | 20 | 1,4 | 10                                                                                   | 20            | M10x0.75 | 4,5 | 30    |
| 12                                                                                  | 12            | 2,2 | 13,2 | 21 | 1,4 | 10                                                                                   | 21            | M12x0.75 | 6   | 31    |
| 14                                                                                  | 14            | 2,2 | 15   | 24 | 1,4 | 12                                                                                   | 24            | M14x0.75 | 7   | 32    |
| 18                                                                                  | 18            | 2,2 | 18   | 27 | 1,4 | 14                                                                                   | 27            | M18x0.75 | 9,2 | 33    |
| 22                                                                                  | 22            | 2,7 | 21,5 | 31 | 1,8 | 18                                                                                   | 31            | M22x0.75 | 11  | 34    |
| 27                                                                                  | 27            | 3,2 | 26   | 36 | 2   | 22                                                                                   | 36            | M27x0.75 | 13  | 36    |