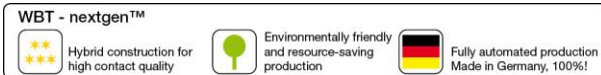


Component List		
1	Base Element, PC	1
2	Spindle Lock (polarity code), PA (red, white or black)	1
3	Signal Conductor, fine silver	1
4	Pressing Spindle, Ms	1
5	Spindle Handle, PC	1
6	Screwing Cage, PC	1
7	Thread Plate, VA, non-ferromagnetic	1
8	Grub Screw, Ms, Torx ¹⁾ M4 x 8.5 mm	2
Extent of delivery: 1 - 8 mounted		
Revision date 31.10.2023		

¹⁾Torx® is a registered trademark of Camcar Textron • ²⁾CE is the abbreviation of Conformité Européenne • ³⁾IEC is the abbreviation of International Electrotechnical Commission • ⁴⁾Makrolon® is a trademark of Bayer AG • ⁵⁾Ultradid® is a registered trademark of BASF SE • WBT and nextgen™ are registered trademarks of WBT-Industrie GmbH



WBT- 0610 Ag nextgen™ Banana Plug (Pat. pend. 10 2008 007 866)

Low conductive mass banana plug (nextgen™ technology with optimized conductor mass), high current capability, completely isolated, compliant with CE² EN 60065 and with the international standard IEC³ 65 (>34.5 Volt).

1. Mechanics

- one-piece contact element
- reliable double thread joint (for contact and strain relief as well) (tested under conditions simulating a 5 years environmental thermal stress)
- optimal contact quality by patented straddle mechanic

2. Materials

- Signal Conductor: fine silver
- Thread Plate made from stainless steel VA, non-ferromagnetic
- Base Element, from transparent Makrolon⁴⁾ (PC), T. -max. 85-110°C (under extreme exposition to UV radiation a slight change of colour may occur but without affecting functionality)
- Spindle Lock made from Ultradid⁵⁾ (PA)
- Spindle: brass

3. Surfaces

- Signal Conductor: fine silver, pure

4. Operating Characteristics

- Permanent current $I_D = 0.5 \cdot 10^2 \text{ A}$
- Peak current $I_S = 10^3 \text{ A}$
- Transition resistance $R_{it} < 0.5 \text{ m}\Omega$
- Insulation resistance $R_{iso} > 10^{14} \text{ Ohm}$
- Electric strength of isolation $> 30 \text{ kV}$

5. Connection

- designed for solder-free crimped connections
- for crimped cable ends up to 10 mm² (7 AWG) conductor cross section, reliable fixation thanks to Torx¹⁾ screws (recommended tightening torque: 0.5 Nm)

6. Accessories / Useful tools

- Cable End Sleeves made of fine silver (1.5 to 6 mm²)
- Crimping Pliers

Warning against usage of chemical contact cleaners: their contents may cause damage to the insulators! Please use a dry and lint-free cloth only.



certified according to
EN IEC 62 368-1 (ES1, PS3),
UL - V1
and
RoHS compliant

