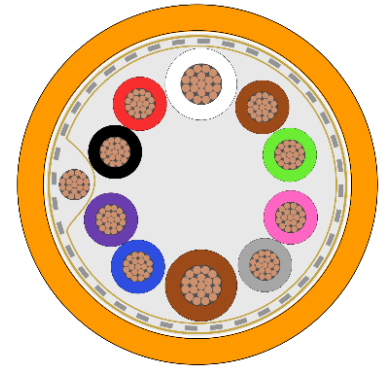


# TEAM SERVO MOBILE BOSCH SSINK448 PUR



According to BOSCH®  
AWM Style 20233 (80°C / 300V)



## 4x(2xAWG24)

Conductor: Stranded bare copper wire; nom. 0,25mm<sup>2</sup> - AWG24; nominal diameter 0,62mm; cl.6 VDE0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58.

Insulation: PP compound; Nominal diameter 1,15 mm.

Assembly: Eight cores twisted in four pairs with appropriate lay.

## Total Assembly

4x(2xAWG24) + 2xAWG21 stranded together around a fibrous filler (see indicative sketch).

## Total Shield

Braid type; Tin copper wire; nominal optical coverage 85%.

DW: Tin copper; 0,25mm<sup>2</sup> / 24AWG; under Braid shield.

## Jacket

PUR (ether base), 90 ShA; diameter 8,50 ±0,25mm; conform to UL Style 20233.

## Temperature

Temperature range (fixed): -40 °C to +80°C

Temperature range (flex): -25°C to +80°C (free motion without periodic recurrence and forced guidance)

## 2xAWG21

Conductor: Stranded bare copper wire; nom. 0,50mm<sup>2</sup> - AWG21; nominal diameter 0,93mm; cl.6 VDE0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58.

Insulation: PP compound; Nominal diameter 1.55mm.

## Protective Tape

Nonwovens tape (TNT) over total assembly.

## Protective Tape

Nonwovens tape (TNT) over total shield.

## Electrical

Voltage rating: 300 Vrms

Voltage test (C/C): 1500 V x 1 min.

Voltage test (C/S): 1200 V x 1 min.

Max electric resistance (AWG21): 39,9 Ω/Km (IEC 60344)

Max electric resistance (AWG24): 85,8 Ω/Km (IEC 60344)

## Chemical

Oil resistance: yes (UL758)

Free of FCKW, Silicone and Pb: yes

Halogen free: yes (CEI EN 60754-1 / VDE 0482-754-1)



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### Physical

UV resistant: yes (UL1581)  
Max installation pulling force: 100N  
Minimum Bending radius (fixed): 5 x D

### Flame

UL Cable Flame Test: pass  
CSA FT1: pass  
IEC 60332-1-2: pass

### Movement data @20°C

Min. Bending radius: 7,5 x D  
Bending cycles: 5 Mio (10 Mio bends)  
Max acceleration: 10 m/sec<sup>2</sup>  
Max speed (horizontal): 300 m/min  
Torsion: ±180°/m (optimal recommended ±30°/m)

Name	Cable Type	Ø mm	Tolerance
SSINK448	4 x (2 x 0,25) + 2 x 0,5	8,5	±0,25 mm

