



## INNOVCABLE SERVOFLEX SK C PVC 1KV



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 6 and IEC 60228 cl. 6
- Vein insulation: Special PVC
- Power veins: Black or white and numbered sequentially with 1 green way (G).
- Intermediate cover: special PVC for mobile applications.
- General tinned copper braided shielding: approximately 85% coverage
- Outer layer: PVC special for mobile use, resistant to oils, greases, acids, coolants and lubricants
- Outer cover: GREY RAL7001
- Rated voltage: 0,6/1KV
- Voltage test: 4000V
- Conductor resistance: at +20°C according to DIN VDE 0295 class 6 and IEC 60228 class 6
- Insulation resistance: at +20 °C  $\geq 20 \text{ M}\Omega \times \text{Km}$ .
- Current carrying capacity: according to DIN VDE0100.
- Min. bending radius:  $7,5 \times d$



## Identification

- External identification marking: INNOVCABLE SERVOFLEX SK C PVC  
n G mm<sup>2</sup> 0,6/1KV OF: XXXX/YEAR.

## Applicable Specifications

DIN VDE 0295 CLASS 6

IEC 60228 CLASS 6

RAL 7001

VDE 0100

IEC 60332-2-1

DIN VDE 0207, 0250, 0293, 0295, 0472, 0812 resp. IEC

## Applications

Cable for servo motors with normal requirements, use in highly automated industrial processes requiring high quality and EMI shielding. Manufactured according to the specifications of leading manufacturers of servo drives / frequency inverters and control systems as well as in compliance with VDE standards. Electromagnetic interference shielded power cable, compatible between units and frequency inverters with mobile applications, mobile drive systems and in the field of robotics and/or industrial installations. Flame retardant according to IEC 60332-2-1, Resistant to oils, greases, acids, coolants and lubricants, suitable for dry and wet environments. Cable with excellent cost/benefit ratio.

## Maximum Conductor Temperature



-30°C / +80 °C

- Flame retardant in accordance with IEC 60332-2-1

## Notes

- We can produce on request several other cable options and configurations. Innovcable reserves the right to change this catalogue without prior notice.

### DADOS DIMENSIONAIS

Dimensional x2 xmm <sup>2</sup>	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
4G1,5	12,3	102,0	274,0
4G2,5	14,3	168,0	386,0
4G4	16,9	238,0	515,0
4G6	18,7	318,0	643,0
4G10	22,2	574,0	1.058,0

Dimensional x2 xmm <sup>2</sup>	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
4G16	26,1	809,0	1.405,0
4G25	33,9	1.269,0	2.042,0
4G35	37,2	1.653,0	2.515,0
4G50	43,2	2.490,0	3.850,0