

## Power cable < 1 kV, for flexible applications Grondflex SO



<b>Application</b>	<b>: Flexible control cable with steel wire braiding, optical coverage 80%, between inner and outer PVC jacket.</b>
<b>TECHNICAL DATA</b>	<b>: TYPE SO</b>
Standards	: According to VDE 0245, 0281, 0293, 0295, 0472, 0473 and 0482.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: In accordance with EN 60332-1-2
Material outer sheath	: Polyvinyl chloride (PVC)
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: No
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Max. conductor temperature	: 70°C
Nominal voltage U <sub>0</sub>	: 300V
Core protecton	: No
Nominal voltage U	: 500V
Conductor surface	: Bare
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Shape of conductor	: Round



<b>ProductNr</b>	<b>Dimension</b>	<b>Protective conductor</b>	<b>Outer diameter approx. (mm)</b>
0106402	2 x 0.75	No	7.6
0106403	3 x 0.75	Yes	7.9
0106405	5 x 0.75	Yes	9.2
0106407	7 x 0.75	Yes	10.2
0106502	2 x 1	No	8
0106503	3 x 1	Yes	8.4
0106504	4 x 1	Yes	9.1
0106505	5 x 1	Yes	10.2
0106507	7 x 1	Yes	10.8
0106604	4 x 1.5	Yes	10.1
0106705	5 x 2.5	Yes	13