

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



Application	: Flexible control cable with steel wire braiding, optical coverage 80%, between inner and outer PVC jacket.
TECHNICAL DATA	: TYPE SO MB
Standards	: According to VDE 0245, 0281, 0293, 0295, 0472, 0473 and 0482.
Remarks	: Type SO MB has an extended flame retardant outer jacket.
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 60332-3-24
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 U0	: 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



ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0107602	2 x 1.5	No	8.7
0107605	5 x 1.5	Yes	10.8
0107609	9 x 1.5	Yes	14.4
0107613	13 x 1.5	Yes	15.8
0107625	25 x 1.5	Yes	20.7