

BO-FLEX BLACK 0,6/1 kV

power and control cable for various applications, PVC, conductor class 5,
black cores, number coded, outdoors



Image for illustration only

Conductor:	Fine wire according to VDE 0295, class 5/IEC 60228 class 5
Insulation:	PVC
Colour Code:	Black with white numbers acc. to VDE 0293-334
Inner Sheath:	PVC, black
Screen:	Tinned-copper braiding
Outer Sheath:	PVC, black (RAL 9005)
Cable Printing:	- standard
Technical Data & Standard References	Product features Flame-retardant according IEC 60332-1-2 UV and weather-resistant according to ISO 4892-2 Ozone-resistant according to EN 50396 High degree of screening low transfer impedance (max. 250 Ω/km at 30 MHz)
	Norm references / Approvals: Based on VDE 0250-1 and HD 627-1 S1
	Technical Data: Nominal Voltage: U0/U: 600/1000 V Test Voltage: 4000 V Minimum bending radius: Static/Occ. moved: 6/20xOD* Temperature range: Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C
	WORKING VOLTAGE U ₀ /U: 600/1000 V
	TEST VOLTAGE 4000 V
	UV RESISTANCE Yes
	BENDING RADIUS Static/Occ. moved: 6/20xOD*

Application: Plant engineering Industrial machinery Heating and air-conditioning systems Power stations For frequency converter-powered 3-phase AC motors In EMC-sensitive environments (electromagnetic compatibility) Servo Drive Connection Cable For fixed installation as well as occasional flexing at free, non-continuously recurring movement without tensile load Each dimension with nominal/ minimum average wall thickness of the outer sheath of at least 1.8 mm: For applications where a strengthened outer sheath may turn out to be advantageous