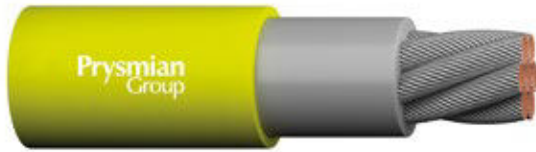


## VG 95218 part 13 C

### NSSH0EU 0.6/1 kV



Rubber insulated cables and insulated wires, part 13 C.

#### Application

For flexible use and fixed installation open-cast mining applications, in quarries, on construction sites and similar applications, with heavy mechanical stresses.

The cables can be used indoors as well as outdoors, in explosion-hazard areas, in industry and in agriculture. They can be used permanently in waste water up to 40 °C at a depth of max. 2000 m and in industrial water, cooling water, surface water, rainwater and mixed water

– and in groundwater and seawater to a more limited extent. The requirements for accessibility and inspection depend on the consistency of the water. In aggressive water or composed of special substances, the cable's resistance properties should be tested. In other respects the specifications of DIN VDE 0298 part 3 applies.

The cables are certified from the Bundesamt für Ausrüstung, Informationstechnik und Nutzung der Bundeswehr (BAAINBw).

NSSH0EU 0.6/1 kV	
Global data	
Brand	PROTOMONT
Type designation	NSSH0EU
Standard	VG 95218 part 13
Design features	
Conductor	Round stranded, tinned copper wires acc. to. class 5 of IEC 60228.
Insulation	Cross-linked, EPR based rubber compound.
Core identification	According to VG 95218 part 13.
Core arrangement	Round stranded, tinned copper wires acc. to. class 5 of IEC 60228.
Inner sheath	Cross-linked, EPR based rubber compound.
Outer sheath	Cross-linked, CPE based rubber compound, colour: yellow.
Electrical parameters	
Rated voltage	0.6/1 kV
Max. permissible operating voltage	AC 0.7/1.2 kV
	DC 0.9/1.8

NSSH0EU 0.6/1 kV	
AC test voltage	3 kV
Current carrying capacity description	According to VG 95218-5, values are valid for one cable free in air at 30 °C ambient temperature.
Chemical parameters	
Flame propagation	IEC 60332-1-2
Resistance to oil	EN 60811-404
Thermal parameters	
Max. operating temperature of the conductor	90 °C
Ambient temperature for fix installation min.	-40 °C
Laying temperature min.	-25 °C
Mechanical parameters	
Max. tensile load on the conductor	15 N/mm <sup>2</sup>

Available cross sections are part of the standard.  
Single datasheets with more information are available upon request.