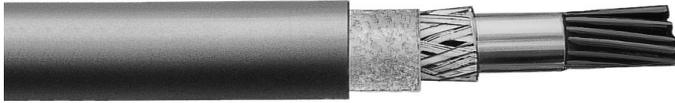


LUTZE-SUPERFLEX[®] N (C)PUR



Super flexible PUR cable track cable with **numbered** conductors for power supply systems and robot technology with **grey** outer jacket.

Identification	Type Part-No.	(12 x 0,75) 110668
Use/Application	Use Application	Suitable as motor, control, monitoring and instrumentation cable for continuous flexing cycles. The polyurethane outer jacket (PUR) is extremely abrasion-resistant, adhesion-free and resistant to mineral oils and greases as well as many chemical substances. Rough operating conditions with robots, handling equipment, machine tools, machine and plant construction, transport and conveying technology, cable tracks and for everywhere signals are transmitted to continuously moving machines or system sections.
Structure	Cable construction Wire conductor structure Gauge Conductor insulation Conductor marking Ground conductor Twisted pair Stranding Banding Intersheath	(12×0,75) E copper uninsulated, superfine strand compliant with VDE 0295 class 6, IEC 60228 class 6 0.75 mm ² PVC insulated black with white printed numbering green/yellow compliant with VDE 0293 No layer-twisted Fleece banding over the stranded cable PVC

11.03.2005 – Subject to technical modification

Part-No. 110668

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Systematic Technology

	Overall shield	Braiding made of tin-plated copper wires, optical covering approx. 85%.
	Outer jacket	Special mixture based on PUR, adhesion-free, based on VDE 0250 part 818
	Jacket colour	grey RAL 7001
	Outer \varnothing	12,8 ca. mm
Technical Data	Rated Voltage	300/500 V
	Test voltage	1200 V, 3000 V
	Isolation resistance	min. 20 M Ω \times km
	Temperature range moving	-25 – 80 °C
	Temperature range fixed	-40 – 80 °C
	Bending radius	Cable diameter \times 12
General Data	Standards	manufactured based on VDE 0207 and 0250 and 0472, UL/CSA 20234
	Halogen-free	No
	Weight	28,3 kg/100 m
	Packaging	50 m, 100 m rings, reels
	Stability	resistant to mineral oils and greases and many chemical substances

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