

LUTZE-SUPERFLEX[®] TRONIC (C)PUR TP



– halogen-free –

Super flexible PUR data cable with **colour-coded** TPE conductors compliant with DIN 47100 for use on cable tracks, twisted in pairs, with copper shield and **grey** outer jacket.

Identification	Type Part-No.	(4 x 2 x 0,5) 117303
Use/Application	Use	Suitable as data, control and instrumentation cable for continuous flexing cycles with high demands on service life.
	Application	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	(4 x 2 x 0,5)
	Wire conductor structure	E copper uninsulated, superfine strand compliant with VDE 0295 class 6/IEC 228 class 6
	Gauge	0,5 mm ²
	Conductor insulation	TPE-insulated, colour-coded compliant with DIN 47100
	Conductor marking	colour-coded compliant with VDE 47100
	Ground conductor	without ground conductor
	Twisted pair	Yes
	Stranding	layer-twisted
	Banding	Fleece banding over the stranded cable
	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, grey RAL 7001	

11.03.2005 – Subject to technical modification

Part-No. 117303

LUTZE INC.

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	Jacket colour	grey RAL 7001
	Outer Ø	8,6 ca. mm
Technical Data	Rated Voltage	300 V
	Test voltage	1200 V
	Isolation resistance	min. 20 MΩ × km
	Operating capacitance	120 – 150 pF/m
	Temperature range moving	-25 – 80 °C
	Temperature range fixed	-40 – 80 °C
	Bending radius	Cable diameter × 12
General Data	Standards	UL style 20549, 10042
	Halogen-free	No
	Weight	13,5 kg/100 m
	Packaging	50 m, 100 m rings, reels
	Stability	PUR resistant to mineral oils and greases as well as many chemical substances

Certification



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