

## Power cable < 1 kV, for flexible applications Trioflex CY-JZ



<b>Application</b>	<b>: Flexible, shielded control cable for use in industrial environments, machine manufacturing and process control systems. The combined approvals make the cable especially suitable for export purposes. CE-marking according to the Low Voltage Cables directive 2006/95/EC</b>
<b>TECHNICAL DATA</b>	<b>: TYPE CY-JZ</b>
Standards	: UL 2587. EN 50525-2-51 (HAR HD 21.13 S1). CSA-AWM I A/B II A/B, UL VW1, CSA FT1.
<b>Remarks</b>	<b>: Outer jacket grey=RAL7001.</b>
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Protective conductor	: Yes
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)	: Yes
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 90°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 90°C
Max. conductor temperature	: 90°C
Nominal voltage U <sub>0</sub>	: 300V
Core protecton	: No
Nominal voltage U	: 600V
Reaction-to-fire class according to EN 13501-6	: Eca
Conductor surface	: Bare
	: No



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Shape of conductor

: Round

: Round



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<b>ProductNr</b>	<b>Dimension</b>	<b>Outer diameter approx. (mm)</b>
1316303	3 x 0.5	8.4
1316403	3 x 0.75	8.8
1316404	4 x 0.75	9.6
1316405	5 x 0.75	10.3
1316407	7 x 0.75	12.2
1316408	8 x 0.75	13
1316412	12 x 0.75	14.5
1316503	3 x 1	9.3
1316504	4 x 1	9.9
1316505	5 x 1	10.9
1316507	7 x 1	12.9
1316512	12 x 1	15.4
1316525	25 x 1	20.4
1316603	3 x 1.5	10.4
1316604	4 x 1.5	11.3
1316605	5 x 1.5	12.6
1316607	7 x 1.5	14.9
1316612	12 x 1.5	17.6
1316703	3 x 2.5	12
1316704	4 x 2.5	13.3
1316705	5 x 2.5	14.6
1316707	7 x 2.5	17.3