# YSLYCY-JZ UL/CSA



## Application

UL and CSA approved flexible centrol cable up to 600 V, for all machinery in tooling and plant construction, suitable for installation in dry, moist or wet
environment for medium mechanical loads. Designed for the export-orientated machinery manufacturer, specifically for USA and Canada. The thick braiding screen ensures compliance with electromagnetic requirements.

## Standards

UL-AWM Style 2587; CSA-AWM I A/B II A/B

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

## Construction

| | |
|---|---|
| **Inner Conductor** | fine-stranded bare copper acc. DIN VDE 0295 cl. 5 IEC 60228 cl. 5 |
| **Core Insulation** | polyvinylchlorid compound (PVC) |
| **Core Color** | black cores with continuous white numbering acc. to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above) |
| **Stranding Elements** | cores stranded in layers with optimal laylength |
| **Inner Sheath Material** | polyvinylchlorid compound (PVC) |
| **Overall Shielding** | braid shield copper tinned |
| **Outer Insulation Material** | polyvinylchlorid compound (PVC) |
| **Constant Against** | extensively oil resistant |

## Technical Data

| | |
|---|---|
| **Nominal Voltage** | $U_0$/U: 600 /600 V |
| **Nominal Volatage DC** | $U_0$/U: 0 /0 |
| **Test Voltage** | 3000 V |
| **Bending Radius moved (xD)** | 10 |
| **Bending Radius fixed (xD)** | 5 |
| **Operating Temperature solid** | -40 °C bis 90 °C |
| **Operating Temperature moving** | -5 °C bis 90 °C |

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**ACS Handels GmbH**
**Kabel - Leitungen - Zubehör**
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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# Steuerleitungen
# Control Cables

| Prod. Nr.<br>Prod. Nr. | Option<br>Option | Dimensions<br>Dimensions | Color<br>Color | Weight (kg/km) approx.<br>Weight (kg/km) approx. | Outer-Diameter (mm) approx.<br>Outer-Diameter (mm) approx. |
|---|---|---|---|---|---|
| 00930088 | OZ | 2 x 0,5 (AWG 20) | grey - grey | 93,0 | 7,8 |
| 00930099 | OZ | 2 x 0,75 (AWG 19) | grey - grey | 107,0 | 8,2 |
| 00930107 | OZ | 2 x 1 (AWG 18) | grey - grey | 107,0 | 8,2 |
| 00930118 | OZ | 2 x 1,5 (AWG 16) | grey - grey | 136,0 | 8,8 |
| 00930136 | OZ | 2 x 4 (AWG 12) | grey - grey | 209,0 | 12,6 |
| 00930089 | JZ | 3 x 0,5 (AWG 20) | grey - grey | 124,0 | 8,1 |
| 00930078 | JZ | 3 x 1 (AWG 18) | grey - grey | 130,0 | 8,5 |
| 00930119 | JZ | 3 x 1,5 (AWG 16) | grey - grey | 165,0 | 9,3 |
| 00930160 | OZ | 3 x 1,5 (AWG 16) | grey - grey | 165,0 | 9,3 |
| 00930085 | JZ | 3 x 2,5 (AWG 14) | grey - grey | 220,0 | 10,9 |
| 00930137 | JZ | 3 x 4 (AWG 12) | grey - grey | 310,0 | 13,2 |
| 00930090 | JZ | 4 x 0,5 (AWG 20) | grey - grey | 133,0 | 8,7 |
| 00930108 | JZ | 4 x 1 (AWG 18) | grey - grey | 155,0 | 9,2 |
| 00930120 | JZ | 4 x 1,5 (AWG 16) | grey - grey | 192,0 | 10,1 |
| 00930129 | JZ | 4 x 2,5 (AWG 14) | grey - grey | 270,0 | 11,9 |
| 00930086 | JZ | 4 x 4 (AWG 12) | grey - grey | 456,0 | 14,6 |
| 00930142 | JZ | 4 x 6 (AWG 10) | grey - grey | 572,0 | 16,7 |
| 00930146 | JZ | 4 x 10 (AWG 8) | grey - grey | 988,0 | 21,3 |
| 00930150 | JZ | 4 x 16 (AWG 6) | grey - grey | 1.662,0 | 27,4 |
| 00930154 | JZ | 4 x 25 (AWG 4) | grey - grey | 2.591,0 | 33,5 |
| 00930158 | JZ | 4 x 35 (AWG 2) | grey - grey | 3.277,0 | 37,9 |
| 00930079 | JZ | 4 x 50 (AWG 1) | grey - grey | 3.960,0 | 40,5 |
| 00930080 | JZ | 4 x 70 (AWG 2/0) | grey - grey | 4.882,0 | 46,1 |
| 00930159 | JZ | 4 x 95 (AWG 3/0) | grey - grey | 6.368,0 | 51,2 |

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|---|---|---|---|---|---|
| 00930091 | JZ | 5 x 0,5 (AWG 20) | grey - grey | 153,0 | 9,3 |
| 00930109 | JZ | 5 x 1 (AWG 18) | grey - grey | 181,0 | 10,1 |
| 00930087 | JZ | 5 x 1,5 (AWG 16) | grey - grey | 224,0 | 10,9 |
| 00930130 | JZ | 5 x 2,5 (AWG 14) | grey - grey | 319,0 | 13,3 |
| 00930138 | JZ | 5 x 4 (AWG 12) | grey - grey | 532,0 | 15,9 |
| 00930143 | JZ | 5 x 6 (AWG 10) | grey - grey | 732,0 | 18,5 |
| 00930147 | JZ | 5 x 10 (AWG 8) | grey - grey | 1.202,0 | 23,9 |
| 00930151 | JZ | 5 x 16 (AWG 6) | grey - grey | 2.021,0 | 30,8 |
| 00930092 | JZ | 7 x 0,5 (AWG 20) | grey - grey | 191,0 | 10,6 |
| 00930110 | JZ | 7 x 1 (AWG 18) | grey - grey | 209,0 | 11,4 |
| 00930121 | JZ | 7 x 1,5 (AWG 16) | grey - grey | 273,0 | 13,0 |
| 00930131 | JZ | 7 x 2,5 (AWG 14) | grey - grey | 428,0 | 15,7 |
| 00930094 | JZ | 12 x 0,5 (AWG 20) | grey - grey | 322,0 | 13,1 |
| 00930113 | JZ | 12 x 1 (AWG 18) | grey - grey | 341,0 | 13,9 |
| 00930123 | JZ | 12 x 1,5 (AWG 16) | grey - grey | 461,0 | 15,7 |
| 00930114 | JZ | 18 x 1 (AWG 18) | grey - grey | 473,0 | 16,3 |
| 00930124 | JZ | 18 x 1,5 (AWG 16) | grey - grey | 674,0 | 18,4 |
| 00930115 | JZ | 25 x 1 (AWG 18) | grey - grey | 650,0 | 19,6 |
| 00930125 | JZ | 25 x 1,5 (AWG 16) | grey - grey | 950,0 | 22,4 |

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