CC 600 CY T is a multi-conductor, 600 V, 105°C, UL recognized and CSA approved flexible shielded control cable. The reduced outer diameter permits easy handling and installation in confined areas. An overall tinned copper braid is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed. CC 600 CY T control cables are designed for use in all electrical equipment in dry, damp and wet conditions. Recommended applications are machine tools, control systems, assembly lines, CNC machining centers, grinding machines, bottling equipment, data processing equipment and connections between control panels and machines.

### Construction:
- **Conductor:**
  - AWG 20 - AWG 10: bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
  - AWG 8 - AWG 2: bare copper strands acc. to UL/CSA
- **Insulation:** special heat resistant PVC
- **Color code:** black conductors with consecutive numbers acc. to EN 50334, green-yellow earth wire from 3 conductors
- **Stranding:** in layers with PETP foil over the outer layer
- **Screen:** tinned copper braiding
- **Jacket material:** special heat resistant PVC
- **Jacket color:** gray

### Outstanding features:
- UL recognized and CSA approved temperature range up to +105°C
- good EMC characteristics

### Technical data:
- **Nominal voltage:**
  - DIN VDE: 600 V
  - UL/CSA: 600 V
- **Testing voltage U:**
  - 3000 V acc. to DIN VDE 0281 part 2 + HD 21.2; conductor/screen: 1000 V
- **Min. bending radius:**
  - fixed installation: 5 x O.D.
  - free movement: 10 x O.D.
- **Radiation resistance:**
  - 8 x 10^7 cJ/kg
- **Temperature range:**
  - short-time use: +105°C
  - fixed installation: +40°/+90°C
  - static: +5°/+90°C
  - short-time use: +105°C
- **Burning characteristics:**
  - flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-2-1, UL VW-1, CSA FT1 and FT2
- **Oil resistance:**
  - acc. to internal standard, see page O/29
- **Absence of harmful substances:**
  - acc. to RoHS directive of the European Union see page O/30

### Marking:
- For CC 600 CY T 02781804:
  - SB: BRÖCKSKE® D-VIERSEN
  - 4 G 1.0 mm² CC 600 CY T 18 AWG4c 02781804
  - AWM Style 2586 105°C 600 V CSA AWM III/AB 105°C 600 V FT1 FT2

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Other dimensions and colors are possible on request.