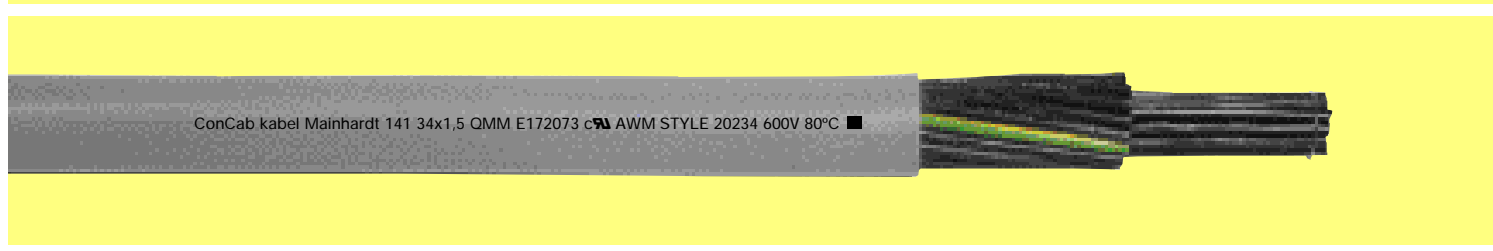


CC-Zweinorm PUR-141

Oil resistant PUR-control cable with approvals
Conforms to the EC low voltage guideline 73/23/EEC ■



The oil resistant CC-control cable PUR-141 UL/CSA is designed especially for the North American market as a control cable applied in machine tool, machine and apparatus construction. It is designed to be used indoors and outdoors and is particularly suitable where aggressive substances like mineral oil occur and for applications with high mechanical stress. The polyurethane outer sheath fulfils the highest demands of wear and tear as well as impact requirements. CC-control cables PUR are free of lacquer destructive substances (silicone free).

Construction

Fine strands of bare copper wire, PVC core insulation. Cores black with consecutive white numbering. 3 cores or more with protective green/yellow conductor in the outer layer. Cores twisted in layers, fleece. PUR outer sheath, flame retardant and self-extinguishing (acc. to VDE 0482, part 265-2-1 resp. EN 50265-2-1 and IEC 60332-1), non-adhesive, resistant to hydrolysis and microbes. Colour grey (RAL 7001).

Technical data

Rated voltage:
VDE/IEC: 300/500 V
UL/CSA: 600 V

Test voltage:
3000 V

Conductor stranding:
fine copper strands
acc. to VDE 0295, class 5

Insulation resistance:
min. 20 MOhm × km

Temperature range:
fixed installation: -30°C to +80°C
flexible application: -5°C to +80°C

Bending radius:
fixed installation: 5 × cable diameter
flexible application: 12,5 × cable diameter

Approvals:
acc. to VDE 0250, 0282
UL: Style 10012/20234
CSA: AWM II A/B FT1

ConCab kabel connects the world

| Part-No. | No. of cores + cross- section | No. of cores + AWG | Copper weight kg/km | Outer diameter approx. mm | Weight kg/km |
|-----------|--|--------------------------|---------------------------|------------------------------------|-----------------|
| 141 20 02 | 2 X 0,5 | 2 × AWG 20 | 9,6 | 6,2 | 52 |
| 141 20 03 | 3 G 0,5 | 3 × AWG 20 | 14,4 | 6,5 | 58 |
| 141 20 04 | 4 G 0,5 | 4 × AWG 20 | 19,2 | 7,0 | 70 |
| 141 20 05 | 5 G 0,5 | 5 × AWG 20 | 24,0 | 7,6 | 80 |
| 141 20 07 | 7 G 0,5 | 7 × AWG 20 | 34,0 | 8,2 | 100 |
| 141 20 09 | 9 G 0,5 | 9 × AWG 20 | 43,2 | 9,7 | 121 |
| 141 20 12 | 12 G 0,5 | 12 × AWG 20 | 58,0 | 10,6 | 146 |
| 141 20 18 | 18 G 0,5 | 18 × AWG 20 | 86,4 | 12,3 | 205 |
| 141 20 25 | 25 G 0,5 | 25 × AWG 20 | 120,0 | 14,8 | 262 |
| 141 19 02 | 2 X 0,75 | 2 × AWG 19 | 14,4 | 6,8 | 60 |
| 141 19 03 | 3 G 0,75 | 3 × AWG 19 | 21,6 | 7,2 | 71 |
| 141 19 04 | 4 G 0,75 | 4 × AWG 19 | 28,8 | 7,7 | 86 |
| 141 19 05 | 5 G 0,75 | 5 × AWG 19 | 36,0 | 8,3 | 105 |
| 141 19 07 | 7 G 0,75 | 7 × AWG 19 | 50,4 | 9,0 | 126 |
| 141 19 09 | 9 G 0,75 | 9 × AWG 19 | 64,8 | 10,5 | 149 |
| 141 19 12 | 12 G 0,75 | 12 × AWG 19 | 86,4 | 11,5 | 178 |
| 141 19 18 | 18 G 0,75 | 18 × AWG 19 | 129,6 | 13,4 | 254 |
| 141 19 25 | 25 G 0,75 | 25 × AWG 19 | 180,0 | 15,9 | 337 |
| 141 18 02 | 2 X 1,0 | 2 × AWG 18 | 19,2 | 7,0 | 67 |
| 141 18 03 | 3 G 1,0 | 3 × AWG 18 | 29,0 | 7,4 | 77 |
| 141 18 04 | 4 G 1,0 | 4 × AWG 18 | 38,4 | 7,9 | 95 |
| 141 18 05 | 5 G 1,0 | 5 × AWG 18 | 48,0 | 8,6 | 112 |
| 141 18 07 | 7 G 1,0 | 7 × AWG 18 | 67,2 | 9,3 | 137 |
| 141 18 09 | 9 G 1,0 | 9 × AWG 18 | 86,4 | 11,0 | 171 |
| 141 18 12 | 12 G 1,0 | 12 × AWG 18 | 115,0 | 12,1 | 213 |
| 141 18 18 | 18 G 1,0 | 18 × AWG 18 | 173,0 | 14,3 | 302 |
| 141 18 25 | 25 G 1,0 | 25 × AWG 18 | 240,0 | 17,0 | 394 |
| 141 18 34 | 34 G 1,0 | 34 × AWG 18 | 326,4 | 19,7 | 543 |
| 141 18 41 | 41 G 1,0 | 41 × AWG 18 | 393,6 | 21,6 | 624 |
| 141 18 50 | 50 G 1,0 | 50 × AWG 18 | 480,0 | 23,0 | 726 |
| 141 16 02 | 2 X 1,5 | 2 × AWG 16 | 29,0 | 7,6 | 79 |
| 141 16 03 | 3 G 1,5 | 3 × AWG 16 | 43,2 | 8,0 | 94 |
| 141 16 04 | 4 G 1,5 | 4 × AWG 16 | 58,0 | 8,7 | 115 |
| 141 16 05 | 5 G 1,5 | 5 × AWG 16 | 72,0 | 9,4 | 135 |
| 141 16 07 | 7 G 1,5 | 7 × AWG 16 | 101,0 | 10,7 | 170 |
| 141 16 09 | 9 G 1,5 | 9 × AWG 16 | 130,0 | 12,0 | 211 |
| 141 16 12 | 12 G 1,5 | 12 × AWG 16 | 173,0 | 13,3 | 266 |
| 141 16 18 | 18 G 1,5 | 18 × AWG 16 | 261,0 | 15,5 | 378 |
| 141 16 25 | 25 G 1,5 | 25 × AWG 16 | 363,0 | 18,5 | 499 |
| 141 16 41 | 41 G 1,5 | 41 × AWG 16 | 594,0 | 24,0 | 795 |
| 141 16 50 | 50 G 1,5 | 50 × AWG 16 | 720,0 | 25,1 | 955 |
| 141 14 02 | 2 X 2,5 | 2 × AWG 14 | 48,0 | 8,6 | 98 |
| 141 14 03 | 3 G 2,5 | 3 × AWG 14 | 72,0 | 9,1 | 113 |
| 141 14 04 | 4 G 2,5 | 4 × AWG 14 | 96,0 | 9,9 | 150 |
| 141 14 05 | 5 G 2,5 | 5 × AWG 14 | 120,0 | 10,8 | 179 |
| 141 14 07 | 7 G 2,5 | 7 × AWG 14 | 168,0 | 11,7 | 231 |
| 141 14 09 | 9 G 2,5 | 9 × AWG 14 | 216,0 | 13,9 | 289 |
| 141 14 12 | 12 G 2,5 | 12 × AWG 14 | 288,0 | 15,3 | 353 |
| 141 14 18 | 18 G 2,5 | 18 × AWG 14 | 432,0 | 17,9 | 530 |