



Motor cable | ZK4509-0019-zzzz
 PUR, orange, drag chain usable, (4x25+2x(2x1,5mm²))

Cable

| Electrical data | |
|---|--|
| Rated voltage | 1000VAC |
| Insulation resistance | 500MΩ*km (according to DIN EN 50395) |
| wire resistance (power) | 0.78Ω/km (according to DIN EN 50395) |
| wire resistance (control) | 13.3Ω/km (according to DIN EN 50395) |
| Dielectric strength wire/wire | 4kV (according to DIN VDE0472 T.509C) |
| Dielectric strength wire/shielded | 4kV (according to DIN VDE0472 T.509C) |
| Mechanical data | |
| Conductor construction (ethernet) | 19x0.1mm |
| Cross section (power) | 25mm ² (AWG4) |
| Cross section (control) | 1.5mm ² (AWG16) |
| max. Bending radius, moved | 7.5x cable outer diameter |
| max. Bending radius, fixed installation | 4x cable outer diameter |
| Drag chain usable | yes |
| Weight | 1700kg/km (1142lb/1000ft) |
| Cable outer diameter | 27.0mm ±0.5mm (1,063" ±0,02") |
| Conductor material (ethernet) | Copper, blank |
| Optical covering factor of shielding | 85% |
| max. Acceleration | 50m/s ² |
| max. Speed | 5m/s |
| torsion angle | ±30°/m |
| max. Number of cycles | 5 million |
| Wall thickness of wire insulation (power) | 1.0mm |
| Wall thickness of wire insulation (control) | 0.4mm |
| Wall thickness of jacket (ethernet) | 1.7mm |
| Jacket color | orange, DESINA |
| Jacket material | PUR (polyurethane) |
| Wire insulation material | U/L1/C/L+, V/L2, W/L3/D/L-, green-yellow, 5+6, 7+8 |
| Wire insulation material | PP (polypropylene) |
| Printing on the jacket | TS 121 4 G 25 + 2 x (2 x 1,5 C) C E170315 cRUus AWM STYLE 21223 AWM I/II A/B 80°C 1000V FT1 - DESINA - HKW VDE-REG.NR. 8429 order no. CE |
| Printing color | black |
| Environmental data | |
| Operation temperature range, moved | -20°C up to 60°C (-4°F up to 140°F) |

| | |
|--|--|
| Operation temperature range, fixed installation | -40°C up to 80°C (-40°F up to 176°F) |
| UV resistance | yes |
| Oil resistance | yes (according to HD 22.10 Anhang A DIN EN 60811-2-1) |
| Acid, lye and solvent resistance | depends on medium, concentration, temperature and time |
| Other characteristics | RoHS-conform, flame resistant, free from harmful substances, halogen, silicon, CFC |
| Approvals | UL-Style AWM 20963 |
| Ordering information | |
| ZK4509-0019-zzzz | product sold by meter |