



Control- or signal cable for dynamic application, PVC-jacket, shielded, oil resistant, flame retardant, UL and CSA approved

STANDARDS

Product UL and CSA approval

Country Ref.: Q102506E100

CONTACT

Market information
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CHARACTERISTICS

Construction characteristics

| | |
|--------------------|-----------------------------------|
| Construction type | (6x0,25)C |
| Conductor material | Bare copper |
| Insulation | Polyolefin |
| Insulation colour | DIN 47100 |
| Taping | Non woven tape |
| Shielding | ≥85% tinned copper braid coverage |
| Outer sheath | PVC |
| Sheath colour | Grey RAL 7001 |

Dimensional characteristics

| | |
|-------------------------|----------------------|
| Conductor cross-section | 0.25 mm ² |
| Number of cores | 6 |
| Outer Diameter | 5.7 mm |
| Copper content | 24.8 kg/km |
| Approximate weight | 45 kg/km |



Storage temperature, range
-30 ... 80 °C



Operating temp.
-5 ... 80 °C



Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance
EN 50363-4-1

Electrical characteristics

| | |
|---------------------------------|--------|
| Rated Voltage U ₀ /U | 300 V |
| Test voltage | 1500 V |

Mechanical characteristics

| | |
|----------------------|---------------------|
| Bending cycles | 5 Mio. |
| Speed | 300 m/min |
| Maximum acceleration | 20 m/s ² |

Usage characteristics

| | |
|--|------------------------------------|
| Field of application | Dynamic |
| Storage temperature, range | -30 ... 80 °C |
| Operating temperature, range | -5 ... 80 °C |
| Minimum dynamic operating bending radius | 6.5 (xD) |
| Flame retardant | IEC/EN 60332-1-2; FT1; UL 1581 FT1 |
| Oil resistance | EN 50363-4-1 |



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