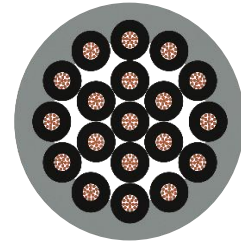


Control Cables FLEX-H-OZ



Application

- Due to its flexible construction, could be used in narrow spaces.
- At instrumentation and control engineering.
- At industrial electronics.
- As a measurement and control cable in machinery.
- In production and assembly lines.
- Wet, dry and moist places.
- For applications with low level mechanical stress.
- In places where human life, valuable materials and equipments need to be protected.

Cable Construction

- 1 - Conductor : Stranded electrolytic annealed copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
- 2 - Insulation : Halogen-free (DIN VDE 0207, EN50363-3, TS EN 50290-2-26 T12), (DIN VDE 0293, TS EN 50334)
- 3 - Stranding : In layers
- 4 - Outer Jacket : UV resistant halogen-free outer jacket (EN 50290-2-27, DIN VDE 207 TM2). RAL 7001 (Dark Grey)

*Images are illustrative purpose only.

Technical Characteristics

| Cross Section | Conductor Resistance Ω/km (20 °C) | Insulation Resistance M Ω/km (20 °C) | Current Carrying Capacity A | Operating Voltage V DC | Test Voltage V (DC, 1 minute) |
|-----------------------|---|--|--------------------------------|---------------------------|----------------------------------|
| 0.50 mm ² | 39.0 | 20 | 9 | 300/500 | 2000 |
| 0.75 mm ² | 26.0 | 20 | 12 | 300/500 | 2000 |
| 0.10 mm ² | 19.5 | 20 | 15 | 300/500 | 2000 |
| 1.50 mm ² | 13.3 | 20 | 18 | 300/500 | 2000 |
| 2.50 mm ² | 7.98 | 20 | 26 | 300/500 | 2000 |
| 4.00 mm ² | 4.95 | 20 | 34 | 300/500 | 2000 |
| 6.00 mm ² | 3.30 | 20 | 44 | 300/500 | 2000 |
| 10.00 mm ² | 1.91 | 20 | 61 | 300/500 | 2000 |
| 16.00 mm ² | 1.21 | 20 | 82 | 300/500 | 2000 |

Mechanical Characteristics

| Bending Radius | Temperature Range Operating |
|----------------|--------------------------------|
| 10xD mm | -30°C ~ +70°C |

Standards

| Smoke Density Test | Corrosive Gas Test | Flame Propagation Test | Flame Retardancy Test |
|--|---|--|---|
| IEC 61034-2, VDE 0482-1034-2, EN 61034-2 | IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 | IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24 | IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 |

Notes

Color code could be JZ, OZ, JB, OB according to customer demand.

Reference Standard: DIN EN 50525-2-51, VDE 0285-525-2-51

FLEX-H-OZ

| Part Number | Conductor Count | Conductor Diameter (mm ²) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|-------------|-----------------|---------------------------------------|-----------------------------|-----------------------|------------------------|---------------------|
| 100020050 | 2 | 0.50 | 5.3 | 8.9 | 43 | 100/500/1000 |
| 244040075OZ | 4 | 0.75 | 6.4 | 27.3 | 72 | 100/500/1000 |
| 244050075OZ | 5 | 0.75 | 7.1 | 34.2 | 89 | 100/500/1000 |
| 990070075 | 7 | 0.75 | 7.7 | 46.7 | 108 | 100/500/1000 |
| 990040100 | 4 | 1.00 | 6.9 | 36.2 | 86 | 100/500/1000 |
| 199040150 | 4 | 1.50 | 7.6 | 53.1 | 113 | 100/500/1000 |

Country of Origin: Turkey
Custom code: 85444995