# Crane and Conveyor Cables

## Spreader 722
### PUR control cable for basket operation

SΛB BRÖCKSKES · D-VIERSEN · Spreader 722 42 G 2.5 mm²

Marking for Spreader 722 7224225:
SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 G 2.5 mm²

**Application:** The Spreader 722 is used for load-lift equipment, e.g. spreader with high mechanical stress in gravity-fed vertical basket operation.

## Construction:

| | |
|---|---|
| **Conductor:** | bare copper strands |
| **Insulation:** | PVC |
| **Color code:** | black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334 and a green/yellow ground |
| **Suspension unit** | Armid braided with lead, 50 m of the suspended cable are supported by a 5 times safety calculation |
| **Stranding:** | conductors are twisted to bundles with lead cord in the center |
| **Wrapping:** | overlapping non-woven tape |
| **Stranding** | bundle and lead cords twisted, suspension unit in the center |
| **Wrapping:** | overlapping non-woven tape |
| **Jacket material:** | PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| **Jacket color:** | black (RAL 9005) |

## Technical data:

| | |
|---|---|
| **Nominal voltage:** | Uo/U 300/500V |
| **Testing voltage:** | conductor/conductor:    2000 V |
| **Temperature range:** | |
| *fixed installation:* | -20/+60°C |
| *flexible* | -20/+60°C |
| *max. allowed operating temperature at conductor:* | +70°C |
| *short circuit temperature at conductor:* | +150°C |
| **Tensile strength:** | max. 15 N/mm² x sum of all cable sections |
| **Recommended cage dimensions:** | cage diameter min.  30 x O.D. cage height approx. 45 x O.D. |
| **Travel speed hoisting gear:** | max. 160m/min. |
| **Oil resistance:** | very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 |
| **Weather resistance:** | appropriate for applications in dry, damp, and wet rooms as well as in the open-air with a very good resistance against ozone, UV radiation and humidity<br><br>Due to the lead cord, this cable isn't free of harmful substances acc. to RoHS directive of the European Union |

## Outstanding features:

✓
- for basket applications
- high tensile load of supporting unit
- oil resistant
- weather resistant

| item no. | no. of conductors incl. ground | outer-ø ±10% inch | ±10% inch | cable weight ≈lbs/mft |
|---|---|---|---|---|
| ▶ **18 AWG (≈ 56/34) ▪ 1.00 mm²** | | | | |
| 7224810 | 48 | 1.264 | 32.1 | 1311 |
| ▶ **14 AWG (≈ 140/34) ▪ 2.50 mm²** | | | | |
| 7222425 | 24 | 1.169 | 29.7 | 1115 |
| 7223025 | 30 | 1.295 | 32.9 | 1355 |
| 7223625 | 36 | 1.425 | 36.2 | 1725 |
| 7224225 | 42 | 1.543 | 39.2 | 2135 |
| 7224825 | 48 | 1.650 | 41.9 | 2389 |
| ▶ **12 AWG (≈ 70/24) ▪ 3.50 mm²** | | | | |
| 7222035 | 20 | 1.217 | 30.9 | 1157 |
| 7222435 | 24 | 1.307 | 33.2 | 1393 |
| 7223035 | 30 | 1.457 | 37.0 | 1723 |
| 7223635 | 36 | 1.583 | 40.2 | 2162 |

Other dimensions and colors are available on request