

# Crane and Conveyor Cables

## Spreader 722

PUR control cable for basket operation



EAC

Marking for Spreader 722 7224225:

SAB BRÜCKSKES · D-VIERSEN · Spreader 722 42 G 2.5 mm<sup>2</sup>

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

### Construction:

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

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500V
<b>Testing voltage:</b>	conductor/conductor: 2000 V
<b>Temperature range:</b>	
<i>fixed installation:</i>	-20/+60°C
<i>flexible</i>	-20/+60°C
<i>max. allowed operating temperature at conductor:</i>	+70°C
<i>short circuit temperature at conductor:</i>	+150°C
<b>Tensile strength:</b>	max. 15 N/mm <sup>2</sup> x sum of all cable sections
<b>Recommended cage dimensions:</b>	cage diameter min. 30 x O.D. cage height approx. 45 x O.D.
<b>Travel speed hoisting gear:</b>	max. 160m/min.
<b>Oil resistance:</b>	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Approvals:</b>	EAC
<b>Weather resistance:</b>	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

### Outstanding features:



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

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 18 AWG (≈ 56/34) ▪ 1.00 mm<sup>2</sup></b>				
7224810	48	1.264	32.1	1311
<b>▶ 14 AWG (≈ 140/34) ▪ 2.50 mm<sup>2</sup></b>				
722425	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
<b>▶ 12 AWG (≈ 70/24) ▪ 3.50 mm<sup>2</sup></b>				
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

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