

# FLEXIBLE SPECIALTY CABLES

## Spreader 722 PUR control cable for basket operation

BRÖCKSKES · D-VIERSEN · Spreader 722 42 x 2,5 mm<sup>2</sup> CE



Marking for Spreader 722 07224225:  
SAB BRÖCKSKES · D-VIERSEN · Spreader 722 42 x 2,5 mm<sup>2</sup> CE

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 and green-yellow earth wire from 3 conductors
<b>Suspension unit:</b>	armored 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 centre
<b>Wrapping:</b>	overlapping non-woven tape
<b>Stranding:</b>	bundle and lead cords twisted, suspension unit in the centre
<b>Wrapping:</b>	overlapping non-woven tape
<b>Jacket material:</b>	PUR
<b>Jacket color:</b>	black

### Outstanding features:

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

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Testing voltage:</b>	conductor/conductor 2000 V
<b>Current-carrying capacity:</b>	acc. to DIN VDE 0298-4, see page N/18 + 19
<b>Temperature range:</b>	
<i>fixed laying:</i>	-30/+70 °C
<i>flexible:</i>	-30/+70 °C
<b>Tensile load:</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. 160 m/min.
<b>Oil resistance:</b>	very good - TMPU acc. mto DIN VDE 0282 part 10 + HD 22.10
<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

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item no.	no. of conductors incl. ground	nominal outer- $\phi$ inch	mm	cable weight $\approx$ lbs/mft
▶ 18 AWG ( $\approx$ 56/34) • 1.00 mm <sup>2</sup>				
07224810	48	1.264	32.1	1311
▶ 14 AWG ( $\approx$ 140/34) • 2.50 mm <sup>2</sup>				
07222425	24	1.169	29.7	1116
07223025	30	1.295	32.9	1355
07223625	36	1.425	36.2	1725
07224225	42	1.543	39.2	2135
07224825	48	1.650	41.9	2390
▶ 12 AWG ( $\approx$ 224/34) • 4.00 mm <sup>2</sup>				
07222035	20	1.217	30.9	1157
07222435	24	1.307	33.2	1393
07223035	30	1.457	37.0	1724
07223635	36	1.583	40.2	2162

Other dimensions and colors are possible on request.

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