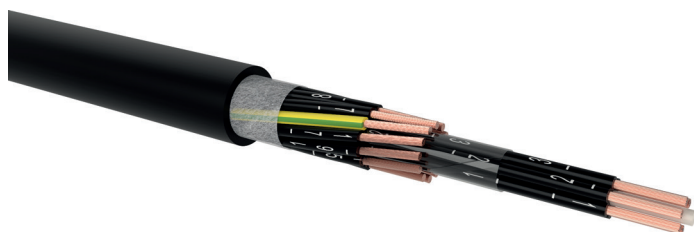


## (N)FLGöu (L-STN)

Rubber control cable with suspension element

### DESIGN



- 1 | Strength member made of banded cord or plastic rope
- 2 | Copper conductor, finest wire
- 3 | Core insulation (EPR-rubber), cores stranded in layers
- 4 | Taping over each strand layer
- 5 | Sheath (chloropren-rubber black, oil resistant)

### APPLICATION

Used as a flexible power and control cable for medium mechanical stress in dry, damp and wet locations and outdoors. The cable is designed for connecting movable parts of machine tools, conveyor systems and large machinery.

### TECHNICAL DATA



**Standard:**  
based on DIN VDE 0250



**Rated voltage:**  
450/750 V (U<sub>0</sub>/U)



**Test voltage:**  
3 kV / 50 Hz



**Temperature range:**  
operating temperature: -25 °C up to 60 °C  
fixed: -40 °C up to 70 °C  
moved: -30 °C up to 70 °C  
short circuit temperature: max. 250 °C/5 s



**Bending radius (min.):**  
10 x Ø of cable (free motion)



**Core identification:**  
HD 308 S2



**Fire properties:**  
EN 60332-1-2: flame retardant

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
<b>(N)FLGöu (L-STN)</b>				
7 x 1	19.5	14.0	220	500 D, 1000 D
12 x 1	19.5	19.0	430	500 D, 1000 D
18 x 1	19.5	20.0	510	500 D, 1000 D
24 x 1	19.5	23.0	670	500 D, 1000 D
36 x 1	19.5	26.0	900	500 D, 1000 D
48 x 1	19.5	30.0	1220	500 D, 1000 D
4 x 1.5	13.3	11.0	180	500 D, 1000 D
5 x 1.5	13.3	12.0	200	500 D, 1000 D
7 x 1.5	13.3	15.0	280	500 D, 1000 D
9 x 1.5	13.3	18.0	400	500 D, 1000 D
12 x 1.5	13.3	20.0	540	500 D, 1000 D
18 x 1.5	13.3	21.0	600	500 D, 1000 D
24 x 1.5	13.3	25.0	840	500 D, 1000 D
4 x 2.5	7.98	14.0	250	500 D, 1000 D
7 x 2.5	7.98	17.5	380	500 D, 1000 D
12 x 2.5	7.98	22.5	710	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

17.8.2022, 15:02