

## Technical Data-Sheet

Issue: 02/24

### [elumeg-PVC-Stranded hook-up wire Liy](#)

Standard dimensions according to DIN VDE 0812 / 11.88

Without VDE-approval

Conductor : Stranded E-Copper, bare or tinned  
Insulation : Plasticized-PVC (cadmium free)

#### Mechanical properties

Insulation resistance :  $\geq 200 \text{ M}\Omega \times \text{km}$   
Cold bending test : - 15° C  
Temperature range : static - 30 ... 70° C  
dynamic - 5 ... 70° C

#### Dimensions

Cross-section nominal [mm <sup>2</sup> ]	Dimension [mm]	Outer diameter nominal [mm]	max. Conductor resistance 20°C [Ω/km]	Test voltage (Sinus / 50 Hz / 1 min) [V <sub>eff</sub> ]	Operating voltage [V <sub>SS</sub> ]
0,08	10 x 0,10	1,00	243,0	1200	500
0,14	18 x 0,10	1,10	142,0	1200	500
0,25	14 x 0,15	1,30	77,5	2500	900
0,38	12 x 0,20	1,70	50,6	2500	900
0,50	16 x 0,20	1,80	38,2	2500	900
0,75	24 x 0,20	2,00	25,4	2500	900
1,00	32 x 0,20	2,10	19,1	2500	900
1,50	30 x 0,25	2,60	13,0	2500	900
2,50	50 x 0,25	3,30	7,8	3000	1500
4,00	56 x 0,30	3,90	4,7	3000	1500

The cross-sections 0,08 / 0,38 / 2,50 and 4,00 mm<sup>2</sup> are not listed in DIN VDE 0812 / 11.88 .

The specifications are guidelines and do not release from suitability tests for intended purpose.