



HELUKABEL® TOPFLEX® 600-PVC 4G2,5 QMM / 22861 0,6/1 kV CE

## TECHNICAL DATA

PVC motor supply cable in alignment with DIN VDE 0285-525-1 / DIN EN 50525-1

<b>Temperature range</b>	flexible -15°C to +80°C fixed -40°C to +80°C
<b>Nominal voltage</b>	AC U <sub>0</sub> /U 600/1000 V
<b>Test voltage core/core</b>	4000 V
<b>Breakdown voltage</b>	8000 V
<b>Minimum bending radius</b>	flexible 7.5x Outer-Ø fixed 4x Outer-Ø

## CABLE STRUCTURE

- Copper wire bare, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Core insulation: PVC
- Core identification acc. to DIN VDE 0293-334, black cores with consecutive labeling in white digits
- G = with protective conductor GN-YE
- Cores stranded with optimal lay lengths
- Outer sheath: Special-PVC
- Sheath colour: grey (RAL 7001)
- Length marking: in metres

## PROPERTIES

- largely resistant to: oil, for details, see "Technical Information"
- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

## TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2
- certifications and approvals: EAC

## APPLICATION

Used as a supply line for electronically controlled servo motors and for connection to DNC motors. The cable is suitable for fixed and flexible installation with medium mechanical loads, in dry, damp and wet rooms.

## NOTES

- the conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
22860	4 G 1.5	16	9.6	58.0	130.0
22861	4 G 2.5	14	11.2	96.0	220.0
22862	4 G 4	12	13.0	154.0	330.0
22863	4 G 6	10	14.5	231.0	445.0
22864	4 G 10	8	18.2	384.0	660.0
22865	4 G 16	6	22.3	615.0	1060.0

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG, approx.	Outer Ø mm, approx.	Cu factor per km	Weight kg/km, approx.
22866	4 G 25	4	27.4	960.0	1805.0
22867	4 G 35	2	30.0	1344.0	2060.0
22868	4 G 50	1	35.8	1920.0	2900.0
22869	4 G 70	2/0	40.9	2688.0	4050.0
22854	4 G 95	3/0	46.2	3648.0	5540.0
22855	4 G 120	4/0	51.6	4608.0	7000.0