Black, robust PUR spiral cable with high recoiling forces

Product Description

Robust;Broad application range;Cost-saving

CE RoHS

Application range

- Construction of engines and appliances with flexible power connections as well as at dockyards
- Construction machines and powered doors
- Measurement and control technology
- Any commercial/ industrial/ agricultural facility: Connection of tools, appliances and mobile motors
- Increased tensile and abrasion requirements as well as in damp and wet environments either (no submersion)

Benefits

- Robust
- Broad application range
- Cost-saving

Design

- Tinned copper conductor with class 5 according to IEC 60228/ VDE 0295
- Core insulation: EI 6 rubber according to HD 22.1 & EN 50363-1; coloured according to HD 308; VDE and HAR marking
- Available core quantities: 3, 4 and 5
- Black, outer PUR sheath made of TMPU according to HD 22.10/ VDE 0282-10; marking "H07BQ-F ..."
- 4 available basic lengthes, see article table below
- End lengths: 200 mm at the first end / 600 mm at the other end
- Radial outflow of the cable

Product features

- Black, robust outer PUR sheath

- Increased tensile strength and abrasion resistance
- High restoring forces
- Resistant to microbes, solvents and certain fuels
- Hydrolysis-resistant

Cross-References

Comparable products
ÖLFLEX® SPIRAL 400 P
ÖLFLEX® SPIRAL 540 P

Technical Data

Core identification code
Coloured acc. HD 308 (Appendix T9)
Approvals
HD 22.10 H07BQ-F (unspiralled)
Based on
HD 22.10 H07BQ-F
Conductor stranding
fine-wired acc. to IEC 60228/ VDE 0295, class 5
tinned strands
Minimum bending radius
Flexible use: 12.5 x outer diameter

Rated voltage
U0/U: 450/750 V
Test voltage
3000 V
Protective conductor
G = with protective conductor GN/YE
Range of temperature
-25 °C to +50 °C (spiralled)

Article List

Part number	Number of cores and mm² per conductor	Spiral length extended in mm max.	Spiral length unextended in mm	Cable diameter/ in mm	Spiral outer diameter mm	Copper index kg/km
70002750	3 G 1,5	1500	500	9.0	31.0	207.36
70002751	3 G 1,5	3000	1000	9.0	31.0	371.52
70002752	3 G 1,5	4500	1500	9.0	31.0	535.68
70002753	3 G 1,5	6000	2000	9.0	31.0	699.84

70002754	4 G 1,5	1500	500	10.0	38.0	305.28
70002755	4 G 1,5	3000	1000	10.0	38.0	547.2
70002756	4 G 1,5	4500	1500	10.0	38.0	789.12
70002757	4 G 1,5	6000	2000	10.0	38.0	1031.04
70002758	5 G 1,5	1500	500	11.0	40.0	367.2
70002759	5 G 1,5	3000	1000	11.0	40.0	655.2
70002760	5 G 1,5	4500	1500	11.0	40.0	936.0
70002761	5 G 1,5	6000	2000	11.0	40.0	1231.2

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Photographs are not to scale and do not represent detailed images of the respective products.

Each piece is packed in a plastic bag individually.