# Power and control cables

ÖLFLEX<sup>®</sup> CONNECT Systems Solutions • Spiralised



# SPIRAL H07BQ-F BLACK

Black, robust PUR spiral cable with high recoiling forces

# Info

- · Heavy construction type
- · Outer sheath: PUR, with high recoiling forces
- Voltage rating 450/750 V

#### **Benefits**

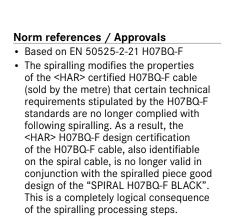
- · Good cost-benefit ratio
- · Increased durability under harsh conditions thanks to robust PUR outer sheath
- Resistant to contact with many mineral oil-based lubricants, diluted acids, aqueous alkaline solutions and other chemical media
- · Wide application range

## Application range

- Construction of engines and appliances with flexible power connections as well as at dockyards
- Construction of machinery and powered doors
- · Measurement and control technology
- Any commercial/industrial/agricultural facility: connection of tools, appliances and mobile motors
- · For indoor and outdoor use

#### **Product features**

- Black, robust outer PUR sheath
- · High tensile strength and abrasionresistance
- High restoring forces
- High resistance to oil, low temperatures, microbes and hydrolysis



#### Product Make-up

- Tinned stranded copper wire of braided conductor class 5 according to IEC 60228/VDE 0295
- Core insulation: El6 rubber according to EN 50525-1 & EN 50363-1/ VDE 0207-363-1; coloured according to HD 308/ VDE 0293-308; VDE and HAR marking of the unspiralled H07BQ-F (sold by the metre) as the basic material for the spiralling
- Use of talcum
- Black, outer PUR sheath made of TMPU according to EN 50525-2-21; marking "H07BQ-F ..."
- · For the 4 standard solid lengths available, please see the article table below
- Radial outflow shape at cable ends length of ends: 200 mm at the first end/600 mm at the other end
- Versions with other solid lengths, end lengths and end forms available on request

Article number	Number of cores and mm <sup>2</sup> per conductor	Spiral length, extended (mm)	Spiral length, unextended (mm)	Cable diameter (mm)	Spiral outer diameter (mm)
SPIRAL H07BQ-F	BLACK				
70002750	3 G 1.5	1500	500	9	31
70002751	3 G 1.5	3000	1000	9	31
70002752	3 G 1.5	4500	1500	9	31
70002753	3 G 1.5	6000	2000	9	31
70002754	4 G 1.5	1500	500	10	38
70002755	4 G 1.5	3000	1000	10	38
70002756	4 G 1.5	4500	1500	10	38
70002757	4 G 1.5	6000	2000	10	38
70002758	5 G 1.5	1500	500	11	40
70002759	5 G 1.5	3000	1000	11	40
70002760	5 G 1.5	4500	1500	11	40
70002761	5 G 1.5	6000	2000	11	40

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Photographs are not to scale and do not represent detailed images of the respective products. Each item is packed separately in a plastic bag

Versions with other solid lengths, end lengths and end forms available on request

### Similar products

- ÖLFLEX® SPIRAL 400 P refer to page 241
- ÖLFLEX<sup>®</sup> SPIRAL 540 P refer to page 244

# Accessories

- SKINTOP® CLICK System
- SKINTOP<sup>®</sup> BS refer to page 790
- SKINTOP<sup>®</sup> BS-M refer to page 719
- SKINTOP<sup>®</sup> BT refer to page 791
- SKINTOP<sup>®</sup> CLICK BS refer to page 720

# **Technical data**

<b>*</b> E T I M	ETIM 5.0 Class-ID: EC000247 ETIM 5.0 Class-Description: Spiralized cable
	Core identification code Coloured according to VDE 0293-308 (HD 308)
**	Conductor stranding Fine wire according to IEC 60228/ VDE 0295, class 5 tinned strands
$\square$	Minimum bending radius Flexible use: 12.5 x outer diameter
4	Nominal voltage U <sub>0</sub> /U: 450/750 V
4 4	
4 ∮ ⊕	U <sub>o</sub> /U: 450/750 V <b>Test voltage</b>
<b>4</b> <b>√</b> €	U <sub>o</sub> /U: 450/750 V Test voltage 3000 V Protective conductor
<b>4</b> <b>√</b> <b>√</b> <b>√</b> <b>√</b>	U <sub>o</sub> /U: 450/750 V <b>Test voltage</b> 3000 V <b>Protective conductor</b> G = with GN-YE protective conductor <b>Temperature range</b>

ACCESSORIES

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