

# FLEXICS® S07BQ-F

PUR cable for submersible motor pumps, unshielded

## DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on cross-linked polymer (XLPE)
- 3 | Cores are stranded together with optimal lay-length
- 4 | Special polyurethane (PUR) outer sheath, colour: yellow (RAL 1021)

## APPLICATION

Extremely robust cable for extreme environmental conditions. The PUR outer sheath meets the highest requirements for tear and abrasion resistance. Excellent weather resistance, very good chemical resistance and microbial safe. Halogen-free and resistant to UV rays.

## TECHNICAL DATA



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



**Test voltage:**  
core / core                      3000 V / 50 Hz



**Temperature range:**  
operating temperature:    -40 °C up to 90 °C  
conductor temperature:    max. 90 °C  
short circuit temperature: max. 200 °C/5 s



**Bending radius (min.):**  
fixed installation:            3 x Ø of cable  
flexible use:                    5 x Ø of cable



**Core identification:**  
colours according to CENELEC HD 308 S2 or black (continuously numbered) with green/ yellow ground conductor

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
<b>FLEXICS® S07BQ-F</b>			
4 G 1.5	10.1	57.6	126
5 G 1.5	11.1	72.0	152
7 G 1.5	13.3	100.8	212
10 G 1.5	15.7	144.0	291
4 G 2.5	11.5	96.0	180
7 G 2.5	16.8	168.0	340
4 G 4	14.1	153.6	270
4 G 6	16.6	230.4	385
4 G 10	21.5	384.0	662
4 G 16	25.1	614.4	958

Technical changes reserved. All figures are therefore without guarantee.

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