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# FLEXICS® S07BC4Q-F

PUR cable for submersible motor pumps,  
screened



## TECHNICAL DATA



**Test Voltage**  
3000 V / 50 Hz



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



**Bending radius (min.)**  
Fixed installation: 6 x Ø of cable  
Flexible use: 10 x Ø of cable



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



**Temperature range**  
Operating temperature: -40°C up to 90°C  
Conductor temperature: max. 90°C  
Short circuit temperature: max. 200°C

## 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

Plastic bonded aluminium tape and tinned copper wire braiding

5

Special polyurethane (PUR) outer sheath, colour: yellow (RAL 1021)

| Number of cores x nominal cross-section (mm²) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|-----------------------------------------------|---------------------------|------------------|----------------------------|
| 4 G 1.5                                       | 10.7                      | 99               | 150                        |
| 5 G 1.5                                       | 11.9                      | 117              | 180                        |
| 7 G 1.5                                       | 14.0                      | 165              | 245                        |
| 12 G 1.5                                      | 17.8                      | 258              | 404                        |
| 16 G 1.5                                      | 19.8                      | 326              | 488                        |
| 7 G 2.5                                       | 15.8                      | 247              | 330                        |
| 4 G 4                                         | 14.9                      | 228              | 301                        |
| 4 G 6                                         | 17.3                      | 317              | 423                        |
| 4 G 10                                        | 22.4                      | 530.7            | 739                        |
| 4 G 16                                        | 26.0                      | 782              | 1127                       |

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