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FLEXICS® S07BQ-F

PUR cable for submersible motor pumps,
unscreened



TECHNICAL DATA



Test Voltage
3000 V / 50 Hz



Rated Voltage
450/750 V (U₀/U)



Bending radius (min.)
Fixed installation: 5 x Ø of cable
Flexible use: 7,5 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

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	10.1	57.6	126
5 G 1.5	11.1	72	152
7 G 1.5	13.3	100.8	212
10 G 1.5	15.7	144	291
4 G 2.5	11.5	96	180
7 G 2.5	16.8	168	340
4 G 4	14.1	153.6	270
4 G 6	16.6	230.4	385
4 G 10	21.5	384	662
4 G 16	25.1	614.4	958

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