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SPECIAL CABLES

FLEXICS® S07BC4Q-F

PUR cable for submersible motor pumps,
screened



TECHNICAL DATA



Test Voltage
3000 V / 50 Hz



Rated Voltage
450/750 V (Uo/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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