We Make Modern Life Possible.

SPECIAL CABLES

FLEXICS® S07BC4Q-F

PUR cable for submersible motor pumps, screened

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. Excellent EMC behavior.



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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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