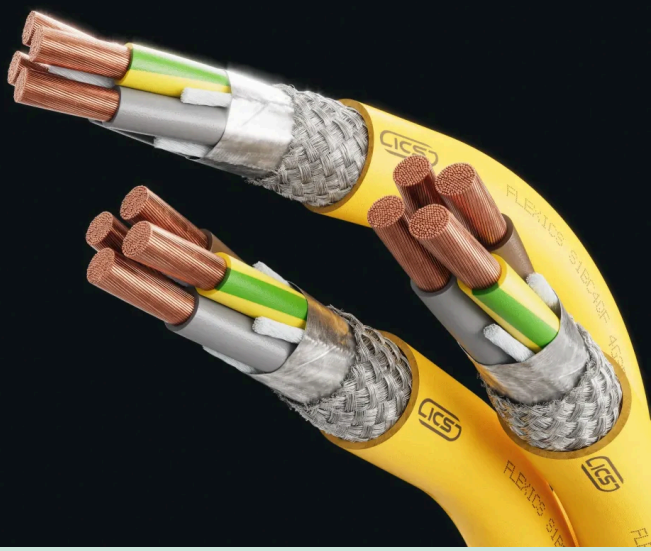
We Make Modern Life Possible.

SPECIAL CABLES

FLEXICS® S1BC4Q-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. Single-core versions are particularly suitable for short and earth-proof installations. Excellent EMC behavior.



TECHNICAL DATA

Test Voltage
3500 V / 50 Hz

Rated Voltage
0.6/1 kV (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

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 16	25.8	782	1016
4 G 25	31.3	1114	1447
4 G 35	34.6	1610	1989
4 G 50	39.6	2215	2684
1 x 70	19.9	805	950
4 G 70	42.9	3180	3612
1 x 95	23.2	1058	1139
1 x 120	25.4	1266	1412
1 x 150	27.4	1625	1731
1 x 185	31.2	2016	2100
1 x 240	33.5	2518	2670

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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