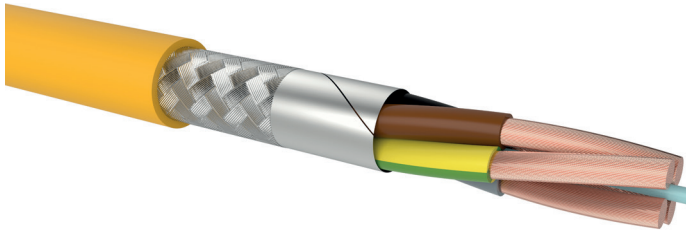


FLEXICS® S1BC4Q-F

PUR cable for submersible motor pumps, screened

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)

APPLICATION

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



Rated voltage:
0.6/1 kV (U₀/U)



Test voltage:
core / core 3500 V / 50 Hz



Temperature range:
operating temperature: -40 °C up to 90 °C
conductor temperature: max. 90 °C
short circuit temperature: max. 200 °C/5 s



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

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® S1BC4Q-F			
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
4 G 70	42.9	3180	3612
1 x 70	19.9	805	950
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.

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