We Make Modern Life Possible.

INDUSTRIAL CABLES

FLEXICS® S1BQ-F

PUR cable for submersible motor pumps, unscreened

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.



TECHNICAL DATA

Test Voltage
3500 V / 50 Hz

Rated Voltage
0.6/1 kV (Uo/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

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. Non-woven tape separation (optional)
5. Special polyurethane (PUR) outer sheath, colour: yellow (RAL 1021)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 16	9.8	197
1 x 25	12.3	360
4 G 25	30.5	1342
5 G 25	32.2	1680
1 x 35	13.5	480
4 G 35	34.0	1821
5 G 35	37.2	2280
1 x 50	15.6	650
4 G 50	38.6	2455
5 G 50	42.9	3250
1 x 70	18.1	850
4 G 70	41.0	3670
5 G 70	47.9	4550
1 x 95	20.8	995
1 x 120	22.3	1227
1 x 150	24.3	1650
1 x 185	26.7	2000
1 x 240	31.1	2600

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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