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FLEXICS® S1BQ-F

PUR cable for submersible motor pumps,
unscreened



TECHNICAL DATA



Test Voltage
3500 V / 50 Hz



Rated Voltage
0.6/1 kV (U₀/U)



Bending radius (min.)
Fixed installation: 5 x $\varnothing$ of cable
Flexible use: 7,5 x $\varnothing$ 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)	Cu-value (kg/km)	Total weight appr. (kg/km)
1 x 16	9.8	153.6	197
1 x 25	12.3	240	360
4 G 25	30.5	960	1342
5 G 25	32.2	1200	1680
1 x 35	13.5	336	480
4 G 35	34.0	1344	1821
5 G 35	37.2	1680	2280
1 x 50	15.6	480	650
4 G 50	38.6	1920	2455
5 G 50	42.9	2400	3250
1 x 70	18.1	672	850
4 G 70	41.0	2688	3670
5 G 70	47.9	3360	4550
1 x 95	20.8	912	995
1 x 120	22.3	1152	1227
1 x 150	24.3	1440	1650
1 x 185	26.7	1776	2000
1 x 240	31.1	2304	2600

CONTACT PERSON

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