We Make Modern Life Possible.

SPECIAL CABLES

FLEXICS® DRUM 9111



PUR power and control cable, halogen-free, reelable

Drum or reeling cables are specifically designed for moving applications in different application fields. They can work as power, control and signaling cables for cable reels, lifting appliances, transport systems, agricultural machines or cranes. These cables are built to resist medium or high mechanical stress.

TECHNICAL DATA

Test Voltage
4000 V / 50 Hz

Rated Voltage
0.6/1 kV (Uo/U)

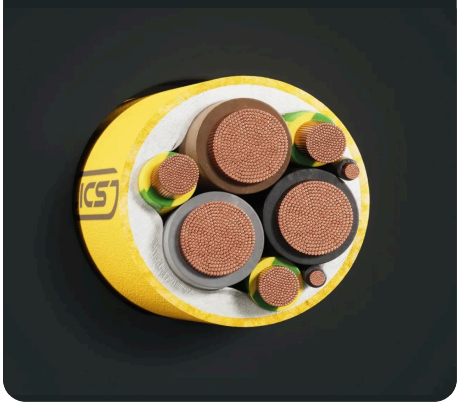
Bending radius (min.)
Fixed installation: 5 x Ø of cable
Flexible use: 7.5x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing and flame retardant

Core identification
Colour code acc. to HD 308 S2 with two control cores, coloured and numbered

Temperature range
Fixed installation: -40°C up to 90°C
Flexible use: -40°C up to 90°C

DESIGN



1. Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
2. Power supply core insulation of special thermoplastic vulcanizate compound (TPV); control cores of special compound based on polypropylene (PP)
3. Cores are stranded together with optimal lay-length
4. Non-woven tape separation
5. Primary outer sheath of special polyurethane (PUR), colour: white (RAL 9010)
6. Secondary outer sheath of special polyurethane (PUR), 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)
3 x 16 + 3 G 4 + 2 x 1.5	22.6	586	813
3 x 25 + 3 G 6 + 2 x 1.5	25.6	902	1157
3 x 35 + 3 G 6 + 2 x 1.5	28.0	1190	1469
3 x 50 + 3 G 10 + 2 x 1.5	32.4	1708	2094
3 x 70 + 3 G 16 + 2 x 1.5	36.2	2381	2883
3 x 95 + 3 G 16 + 2 x 2.5	40.8	3264	3686
3 x 120 + 3 G 25 + 2 x 2.5	46.2	4176	4673

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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