



We Make  
Modern Life  
Possible



# FLEXICS® DRUM 9111

PUR power and control cable, halogen-free,  
reelable

## SPECIAL CABLES

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 (U<sub>0</sub>/U)



**Bending radius (min.)**  
Fixed installation: 5 x  $\varnothing$  of cable  
Flexible use: 7.5x  $\varnothing$  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 (mm <sup>2</sup> )	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

**CONTACT PERSON**

Dipl. Ing. Peter Tomka  
+421 37 6969631  
peter.tomka@ics-cables.sk

