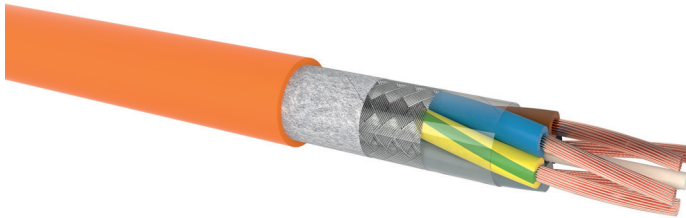


# FLEXICS® 1111C

PUR/PUR control cable, screened

## DESIGN



- 1 | Bare copper conductors, fine wires class 5 or super fine wires class 6 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound of polyurethane (PUR)
- 3 | Cores are stranded together with optimal lay-length
- 4 | Wrapping with plastic tape
- 5 | Tinned copper wire braiding
- 6 | Non-woven tape separation over braiding (optional)
- 7 | Special polyurethane (PUR) outer sheath, colour: grey (RAL 7001), orange (RAL 2003) or black (RAL 9005)

## APPLICATION

Power, control and connecting cable for flexible use as a feed cable for extension leads and static use in dry, damp and wet rooms, for increased mechanical load. Possible outdoor use under indicated temperature range. Especially when excellent EMC behaviour is requested.

## TECHNICAL DATA



**Standard:**  
based on VDE 0285



**Rated voltage:**  
300/500 V (U<sub>0</sub>/U)



**Test voltage:**  
core / core                      3000 V / 50 Hz



**Temperature range:**  
fixed installation:            -50 °C up to 80 °C  
flexible use:                    -40 °C up to 80 °C



**Bending radius (min.):**  
fixed installation:            4 x Ø of cable  
flexible use:                    15 x Ø of cable



**Core identification:**  
colours according to CENELEC HD 308 S2



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

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
<b>FLEXICS® 1111C</b>			
2 x 1	7.5	32	80
3 G 1	7.8	56	95
4 G 1	8.8	66	106
5 G 1	9.5	95	149
2 x 1.5	8.8	43	101
3 G 1.5	9.0	71	125
4 G 1.5	10.0	86	150
5 G 1.5	10.8	102	159
3 G 2.5	11.0	146	169
4 G 2.5	12.2	150	225
5 G 2.5	13.5	200	275

Technical changes reserved. All figures are therefore without guarantee.

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