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INDUSTRIAL CABLES

FLEXICS® DRUM 9111

PUR power and control cable, halogen-free,
reelable



TECHNICAL DATA



Rated Voltage
0.6/1 kV (U₀/U)



Test Voltage
4000 V / 50 Hz



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



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



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



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 ²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 16 + 3 G 4 + 2 x 1.5	22.6	813
3 x 25 + 3 G 6 + 2 x 1.5	25.6	1157
3 x 35 + 3 G 6 + 2 x 1.5	28.0	1469
3 x 50 + 3 G 10 + 2 x 1.5	32.4	2094
3 x 70 + 3 G 16 + 2 x 1.5	36.2	2883
3 x 95 + 3 G 16 + 2 x 2.5	40.8	3686
3 x 120 + 3 G 25 + 2 x 2.5	46.2	4673

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