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INDUSTRIAL CABLES

FLEXICS® TRUCK FLRY11Y

PVC/PUR power and control cable for
commercial vehicles



TECHNICAL DATA



Standard

Acc. to ISO 6722-1 and ISO 14572 / temperature class A



Certificate

ADR TÜ . EGG . 269 – 18



Test Voltage

5000 V / 50Hz



Rated Voltage

60 V (Uo/U)



Bending radius (min.)

12 x Ø of cable



Fire properties

ISO 6722-1, ISO 14572, ISO 4141



Core identification

Acc. to ISO 4141-3, colour coded or continuously numbered, according to internal standards or client's requirements



Temperature range

Operating temperature: -40°C up to 85°C

DESIGN



1

Bare copper conductors, fine wires according to ISO 6722-1

2

Core insulation of special compound based on polyvinyl chloride (PVC) or for data transmission core / control pairs based on modified polyolefins (MPO), thin wall insulation according to ISO 6722-1

3

Power supply cores stranded together with control cores and construction-related fillers (optional)

4

Mineral powder separation or non-woven wrapping over stranding (optional)

5

Outer sheath of special compound based on polyurethane (PUR), colour: black (RAL 9005) or according to customer's requirements

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0.5	5.0	37
7 x 0.75	7.3	79
2 x 1	6.0	55
3 x 1	6.3	67
4 x 1	6.8	81
5 x 1	7.5	97
5 x 1 + 1 x 2.5	9.0	133
6 x 1 + 1 x 1.5	8.3	187
2 x 1.5	6.6	68
2 x 1.5 + 2 x 0.75	7.2	85
3 x 1.5 + 2 x 4	11.6	197
3 x 1.5 + 2 x 6	12.1	275
6 x 1.5 + 1 x 2.5	10.3	187
7 x 1.5	8.9	166
8 x 1.5 + 1 x 2.5	11.7	239
10 x 1.5 + 3 x 2.5 + (2 x 1.5)	14.4	395
10 x 1.5 + 3 x 2.5	14.4	367
18 x 1.5	13.7	407
25 x 1.5	16.1	560
50 x 1.5	23.4	998
2 x 4 + 3 x 1.5 + (2 x 1.5)	11.9	257
2 x 6 + 3 x 1.5 + (2 x 1.5)	12.1	321

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