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FLEXICS® TRUCK FLRYY

PVC/PVC power and control cable for
commercial vehicles



TECHNICAL DATA



Standard

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



Certificate

ADR TŮ . EGG . 267 – 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 polyvinyl chloride (PVC), colour: black (RAL 9005) or according to customer's requirements

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
2 x 0.5	5.0	9.6	34
7 x 0.75	7.3	50.4	79
2 x 1	6.0	19.2	55
3 x 1	6.3	28.8	63
4 x 1	6.8	38.4	81
5 x 1	7.5	48	97
5 x 1 + 1 x 2.5	9.0	72	133
2 x 1.5	6.6	28.8	68
2 x 1.5 + 2 x 0.75	7.2	43.2	85
3 x 1.5 + 2 x 4	11.6	120	197
3 x 1.5 + 2 x 6	12.1	158.4	275
4 x 1.5	7.5	57.6	106
5 x 1.5 + 2 x 2.5	10.3	120	217
6 x 1.5 + 1 x 2.5	10.3	110.4	187
7 x 1.5	8.9	100.8	166
8 x 1.5 + 1 x 2.5	11.7	139.2	239
8 x 1.5 + 5 x 2.5	14.8	235.2	360
9 x 1.5 + 4 x 2.5	14.8	225.6	352
10 x 1.5 + 3 x 2.5 + (2 x 1.5)	14.4	244.8	391
10 x 1.5 + 3 x 2.5	14.4	216	367
50 x 1.5	23.4	720	998
2 x 4 + 3 x 1.5 + (2 x 1.5)	12.7	148.8	251
2 x 6 + 3 x 1.5 + (2 x 1.5)	13.7	187.2	316
4 x 6 + 1 x 1.5	13.7	244.8	352

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