We Make Modern Life Possible.

FLEXICS® TRUCK FLRYY11Y



PVC/PUR power and control cable for commercial vehicles

These PVC and PUR double sheathed cables provide optimal solution for wiring of electrical installations in commercial vehicles. Due to additional PUR sheath cables offer high resistance to abrasion. ADR approval allows use in vehicles transporting hazardous goods.

TECHNICAL DATA

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

Certificate
ADR TÜ . EGG . 268 – 18

Test Voltage
5000 V / 50 Hz

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 co-extruded special compound based on polyvinyl chloride (PVC) and special polyurethane (PUR), color: black (RAL 9005) or according to customers' requirements

Number of cores x nominal cross-section (mm^2)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
2 x 0.5	5.0	9.6	37
7 x 0.75	7.3	50.4	79
2 x 1	6.0	19.2	55
3 x 1	6.3	28.8	67
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
6 x 1 + 1 x 1.5	8.3	72	187
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
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
10 x 1.5 + 3 x 2.5 + (2 x 1.5)	14.4	244.8	395
10 x 1.5 + 3 x 2.5	14.4	216	367
18 x 1.5	13.7	259.2	407
25 x 1.5	16.1	360	560
50 x 1.5	23.4	720	998
2 x 4 + 3 x 1.5 + (2 x 1.5)	11.9	148.8	257
2 x 6 + 3 x 1.5 + (2 x 1.5)	12.1	187.2	321

Technical changes reserved. All figures are therefore without guarantee.



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