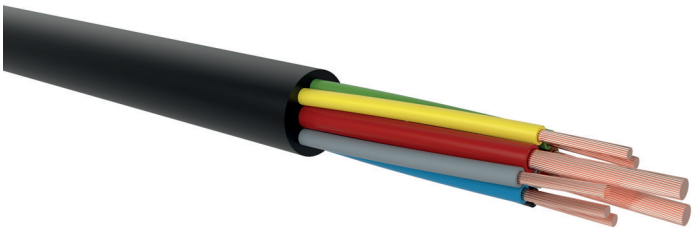
INDUSTRIAL CABLES SLOVAKIA

FLEXICS® TRUCK SPIRAL FLRY12Y

PVC/TPE-E connecting cable for commercial vehicles

DESIGN



1 I Bare copper conductors, fine wires according to ISO 6722-1
2 I 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 I Power supply cores stranded together with control cores and construction-related fillers (optional)
4 I Mineral powder separation and non-woven wrapping over stranding (optional)
5 I Outer sheath of special compound based on polyester (TPE-E), colour: black (RAL 9005)

APPLICATION

These TPE-E sheathed cables provide optimal solution for connection between towing and towed vehicles. Furthermore, these cables are designed for processing into coiled cable assemblies. For applications in electronic braking systems special designs with data elements are offered.

TECHNICAL DATA

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

Rated voltage:
60 V (Uo/U)

Test voltage:
core / core 5000 V / 50 Hz

Temperature range:
operating temperature: -40 °C up to 85 °C

Bending radius (min.):
12 x Ø of cable

Core identification:
acc. to ISO 4141-3, colour coded or continuously numbered, according to internal standards or client's requirements

Fire properties:
ISO 6722-1, ISO 14572, ISO 4141

Number of cores x nominal cross-section (mm^2)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
FLEXICS® TRUCK SPIRAL FLRY12Y			
6 x 1 + 1 x 1.5	9.6	72.0	102
6 x 1.5 + 1 x 2.5	10.8	101.0	180
3 x 1.5 + 2 x 4	11.4	120.0	196
1 x 1.5 + (4 x 1.5) + 2 x 4	13.0	148.8	270
8 x 1.5 + (4 x 1.5) + 3 x 2.5	15.1	244.8	390

Technical changes reserved. All figures are therefore without guarantee.

14.1.2022, 12:56