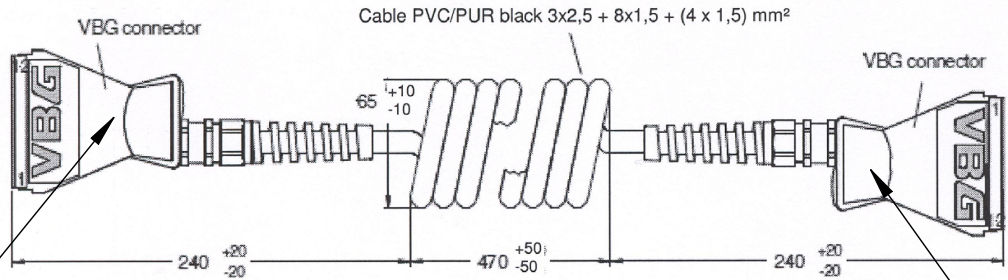


Application

The 14-poles spirals are used to connect tractor and trailer or semi-trailer with the special VBG connector.
VBG spiral cables are fitted additional with anti-kink sleeves.
PVC core insulation and PUR sheath material meet the high quality demands of the well-known spirals of VBG.
This assures the very high number of cycles in the flexural fatigue test and high reset forces which all truck manufacturer demand.
All spirals are in accordance to ISO 4141 and 6722.

Spiral cable



Assignment:

VBG connector	Core	mm²
2	yellow	1,5
3	green	1,5
7B	white/blue	1,5
1	white + white/black	2,5+1,5
5	orange	2,5
6	white/red	2,5
4	red	1,5
7A	blue	1,5
12	black	1,5
8A	pink	1,5
8B	grey	1,5
9	white/green	1,5
10	brown	1,5
11	white/brown	1,5
	NC	

Working length: 2.250 mm
Max. extension length: 4.000 mm
Requirements acc. ISO 4141 part 1, 2, 4
Tightness IP67 and IP69K acc. DIN 40050

Technical Data (cable)

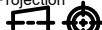
Conductor acc. to ISO 6722
Make-up acc. ISO 6722 and ISO 4141
Core insulation PVC
Core ident code colored acc. ISO 4141
Outer sheath Polyurethane
Outside diameter 15,5 +/- 0,4 mm
Color black
Nominal voltage 50 V
Test voltage 1000 V
Temperature range -40 °C up to +85 °C
Testing's acc. ISO 6722 and ISO 4141

Wiring 28-036100	
Ter.	14-terminal
1	Earth
2	Left flashers
3	Right flashers
4	Brake lights
5	Left tail lights
6	Right tail lights
7A	Tail light
7B	Tail fog light
8A	Aux
8B	Aux
9	Aux
10	Aux
11	Aux
12	Charging current



VBG GROUP

Description
Spiral cable complete 14-14 SAL

Modified Date		Modified by		Modification No.		Issue	
2023-05-16		JL		14059		f	
3D Model No.						Engineer	
28-033500						JL	
Sheet Size		Scale		Projection		Drafting Date	
A3		1:1				2005-09-15	
Stage		Drafted by					
P		EK					
Drawing No.		28-033500 (F) INFO					
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