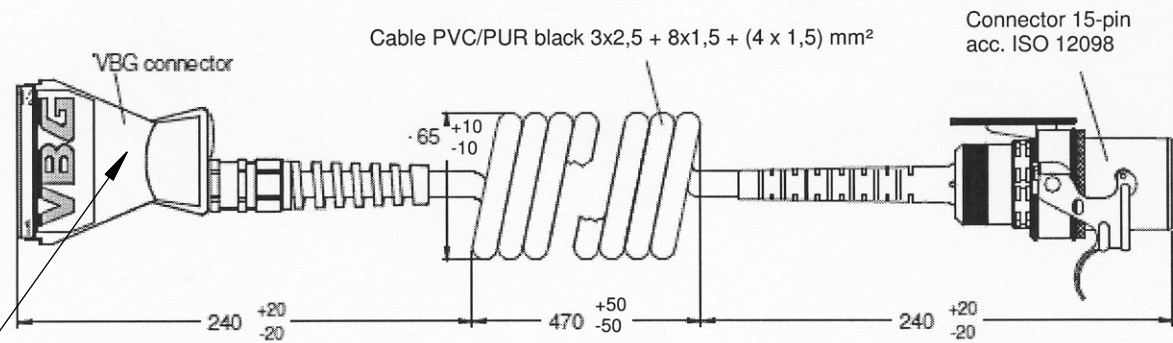


Application

The 15-poles spirals are used to connect tractor and trailer or semi-trailer with the 15-pole connector system acc. to ISO 12098 and the special VBG 14 pole 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 manufacturers demand.
All spirals are in accordance to ISO 4141 and 6722.

Spiral cable



28-036100

Assignment:

VBG connector	Core	mm²	15-pole ISO 12098
2	yellow	1,5	1
3	green	1,5	2
7B	white/blue	1,5	3
1	white + white/black	2,5+1,5	4
5	orange	2,5	5
6	white/red	2,5	6
4	red	1,5	7
7A	blue	1,5	8
12	black	1,5	9
8A	pink	1,5	10
8B	grey	1,5	11
NC	NC		12
9	white/green	1,5	13
10	brown	1,5	14
11	white/brown	1,5	15

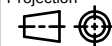
Working length: 2.250 mm
Max. extension length: 4.000 mm
Requirements acc. ISO 4141 part 1, 2, 4
Tightness IP67 and IP69K acc. DIN 40050

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

Wiring ISO 12098 plug	
Ter.	15-terminal
1	Left flashers
2	Right flashers
3	Tail fog light
4	Earth
5	Left tail lights
6	Right tail lights
7	Brake lights
8	Tail light
9	Charging current
10	Aux
11	Aux
12	Not connected
13	Aux
14	Aux
15	Aux

 VBG PRODUKTER AB		 RINGFEDER RINGFEDER VBG GMBH		Modified Date 2013-03-27	Modified by Kp	Modification No. 11805	Issue e	
GENERAL TOLERANCE MATERIAL				3D-Model No.			Engineer	Checked by
				Sheet Size A3	Scale 1:1	Projection 	Drafting Date 2005-09-15	Drafted by EK
Machined surfaces		Quality		Foreign Drawing No.				
Unmachined surfaces		Type		Description Name Spiralkabel komplett 14-15 ADR Spiral cable complete 14-15 ADR				
Surface texture		Blank						
Mass	Surface treatment							
kg								
Usable for				Stage P	Drawing No. 28-033600			
This drawing is the property of VBG AB and is protected in accordance with prevailing law. Changes must be made in CAD-program, this concerns both 2D & 3D.				Remark		Id. No.		