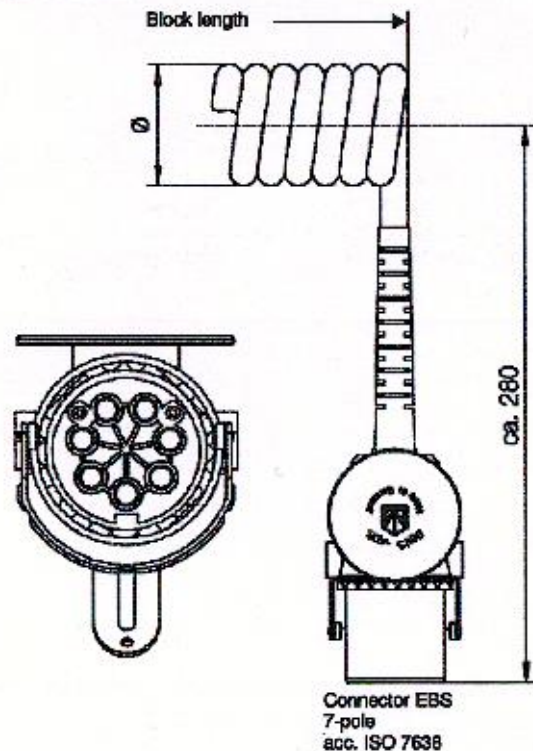


# **Application** **EBS electrical coil with plugs acc. ISO 7638**

The EBS spirals are used to connect tractor and trailer or semi-trailer with the EBS connector system acc. to ISO 7638. VBG spiral cables are fitted 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**



Cable PVC/PUR black 2x4,0 + 3x1,5 + 2x1,5 mm<sup>2</sup>  
 Coil Ø 60 +10 mm  
 Block length = 390 +50 mm  
 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

Assignment:



## **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	12,5 +/- 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

Contact no.	Color	mm <sup>2</sup>	Circuit for
1	red	4/6	Plus electrovalve
2	black	1,5	Plus electronic
3	yellow	1,5	Minus electronics
4	brown	4/6	Minus electrovalve
5	white	1,5	Warning device
6	white/green	1,5	Data communication
7	white/brown	1,5	Data communication

# **VBG GROUP**

Modified Date	2018-10-01	Modified by	JL	PU-number	13162	Issue	d
3D-Model No.	28-037600					Engineer	JL
Sheet Size	A4	Scale	1 : 1	Projection		Drafting Date	2007-02-07
Foreign Drawing No.		Description Name					
		Spiral Cable EBS					
Mass		Surface treatment					
0		kg					
Usable for		Stage					
		Drawing No.					
		P 28-037600					
Remark					Id. No.		

Machined surfaces

Quality

Unmachined surfaces

Type

Surface texture

Blank

Mass

0

kg

Surface treatment

Usable for

Stage

Drawing No.

Remark

Id. No.

This drawing is the property of VBG Group AB and is protected in accordance with prevailing law. Changes must be made in CAD-program, this concerns both 2D & 3D.

Released