product data sheet

item no. 94.425.1090.9

cable assembly BST14I2KFBS 50Z 10PB02

gesis® NV connecting cable, female - male, number of poles 2, rated voltage 50 V, rated current 3 A, cable type L03Z1Z1-U, fire class Eca, total length 1 m, nominal cross section conductor 0.5 mm², color of coding/ contact carrier pastel blue



item no.	94.425.1090.9
EAN	4015573803077
order unit	150 piece(s)

certificates / approvals

technical data

general

rated current	3 A
rated voltage	50 V
rated impulse voltage	0.8 kV
pollution degree	2
mechanical coding	yes
continuity resistor	35 mOhm
lockable	self-locking (unlocking by hand)
color of coding/ contact carrier	pastel blue
marking of poles	1+, 2-
color of housing inclusive strain relief	black

model

nominal cross section conductor	0.5 mm²
degree of protection (IP)	IP20
cable type	L03Z1Z1-U
cable color	black
cable diameter max.	4.8 mm
version of cable	female - male
type of cord set	connecting cable
version cable end 1	BST14i2 female
version cable end 2	BST14i2 plug

material

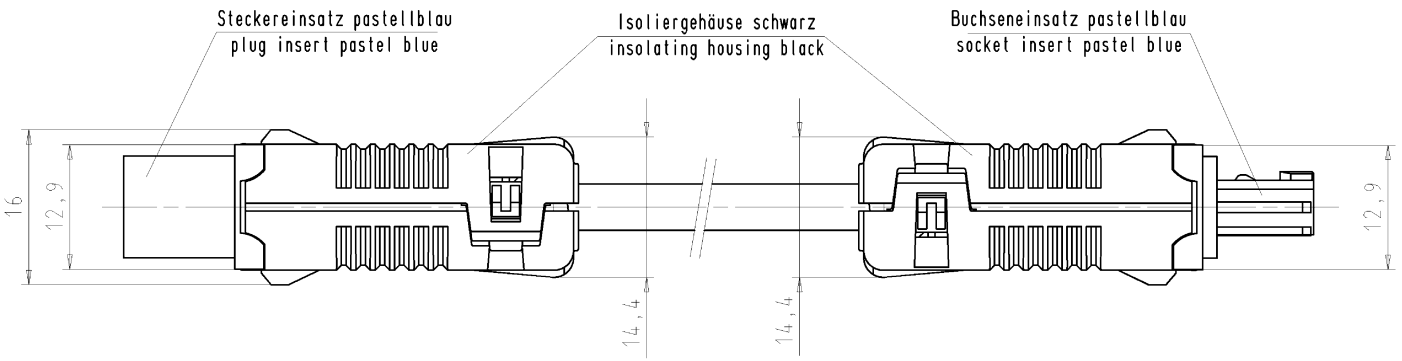
surface finish	gilt
halogen free	yes
continuous temperature of cable	60 °C

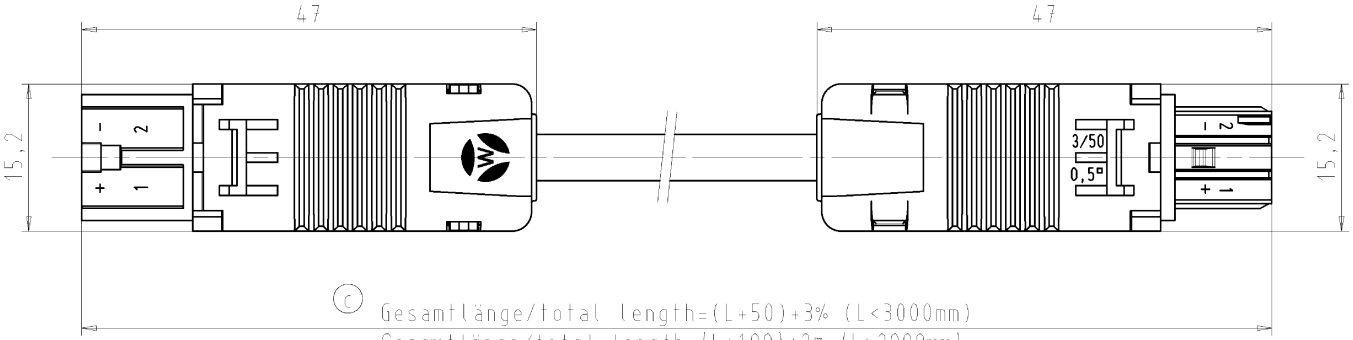
insulation components continous temperature	100 °C
fire load	0.176 kWh/St
fire class	Eca

dimensions

total length	1 m

technical drawing





ⓒ Gesamtlänge/total length=(L+50)+3% (L<3000mm)
Gesamtlänge/total length=(L+100)+3% (L≥3000mm)

Weitere Daten siehe Katalog
further data see catalog

	Teilenummer part number	L	Beispiel example	Typ type
ⓐ	94.425.XX90.9	XX in dm-Schritten XX in dm-steps	94.425.1090.9 = 10dm /L= 1000mm	BST1412KFBS 50Z 10PB02
ⓑ	U4.425.XX90.9	XX in m-Schritten XX in m-steps	U4.425.1290.9 = 12 m /L=12000mm	BST1412KFBS 50Z X12PB02

Tolerierung Size ISO 14405Ⓔ/Tolerance system Size ISO 14405Ⓔ.
(This ISO-standard desbribes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach UU-TOM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TOM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung: First Use: -

Blatt: Sheet: 1 von of 1

2 Pole/2 poles

ⓐ

Pol pole	Aderfarbe conductor colour
+	rot/red
-	schwarz/black

Werkstoff/Material

Maßstab/Scale 2:1

	Tag/Date	Name
2005		
gezeichnet drawn	12.10.	Schmitt J.
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. T 94.425.0290.9 01K Index c

Maße in mm/Dimensions are in mm

Index	Datum / Blatt Date / Sheet	Änderung/Revision
c	16.07.2013/	Vol. mm³ Ofl./Surf. mm²
b	09.05.2007/	
a	17.04.2007/	

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type

Benennung/Title

KONFEKT_LEITUNG

Niedervolt 50V - 3A 0,5 qmm - halogenfrei BU/ST
Extender lead female-male halogen free

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Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

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DU-PEM-08/91b