

# PLC-V8C/CAB/TBUS/0,3M - Connecting cable

2905263

<https://www.phoenixcontact.com/us/products/2905263>



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Assembled shielded round cable; controller: PLC logic (connection to the DIN rail connector); connection 1: COMBICON connectors (1x 3-position); connection 2: COMBICON connectors (1x 5-position); cable length: 0.3 m



## Commercial data

Item number	2905263
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C424
Product key	DK26Z3
GTIN	4046356958882
Weight per piece (including packing)	15.4 g
Weight per piece (excluding packing)	15.4 g
Customs tariff number	85444290
Country of origin	DE

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## Technical data

### Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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### Product properties

Product type	Adapter cable
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### Connection data

#### Field level

Connection method	COMBICON connectors
Stripping length	7 mm
Screw thread	M2
Number of connections	1
Number of positions	5
Conductor cross-section rigid	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	28 ... 16

#### Controller level

Connection method	COMBICON connectors
Stripping length	6 mm
Number of connections	1
Number of positions	3
Conductor cross-section rigid	0.2 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Conductor cross-section flexible	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 20

### Dimensions

Length	0.3 m
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### Cable/line

Cable length	0.3 m
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PVC gray [500]

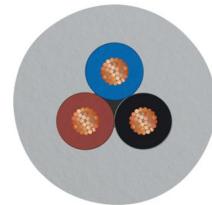
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## Dimensional drawing



Cable weight	29 kg/km
Number of positions	3
Shielded	no
Cable type	PVC gray [500]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	3x 0.25 mm <sup>2</sup> (Signal line)
Wire diameter incl. insulation	1.17 mm ±0.05 mm
External cable diameter	4.20 mm ±0.15 mm
Outer sheath, material	PVC
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, blue, black
Thickness, insulation	≥ 0.23 mm (Core insulation)
Thickness, outer sheath	≥ 0.76 mm
Overall twist	3 wires, twisted
Max. conductor resistance	max. 79 Ω/km (at 20 °C)
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Nominal voltage, cable	≥ 300 V
Test voltage	≤ 3000 V
Smallest bending radius, fixed installation	13 mm
Halogen-free	no
Flame resistance	As per UL-Style 2464
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation) -25 °C ... 80 °C (Cable, flexible installation)

## Approvals

UKCA

Certificate

UKCA-compliant

# PLC-V8C/CAB/TBUS/0,3M - Connecting cable

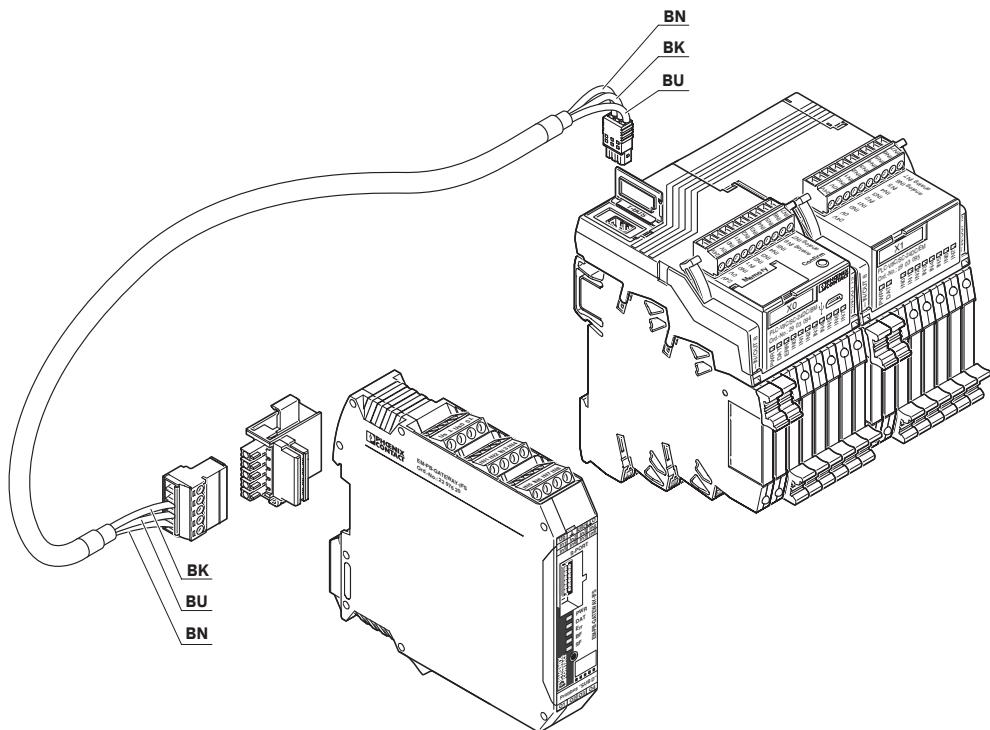


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## Drawings

Schematic diagram



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2905263>



**EAC**

Approval ID: RU\*-DE.HB\*35.B00385

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## Classifications

### ECLASS

ECLASS-13.0	27242220
ECLASS-15.0	27242220

### ETIM

ETIM 9.0	EC000237
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### UNSPSC

UNSPSC 21.0	26121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-50  An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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