

# CABLE-D25SUB/B/B/1020/KONFEK/S - Cable



2902260

<https://www.phoenixcontact.com/us/products/2902260>

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Assembled, shielded round cable, with two 25-pos. D-SUB female connectors (1:1 connection), cable length: 10.20 m

## Commercial data

Item number	2902260
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	DK2AI2
GTIN	4046356652216
Weight per piece (including packing)	107.2 g
Weight per piece (excluding packing)	107.2 g
Country of origin	DE

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## Technical data

### Product properties

Product type	System cable
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C

### Electrical properties

Operating voltage (AC)	≤ 25 V AC
Operating voltage (DC)	≤ 50 V DC
Current (Per path)	≤ 2 A (uncoiled)

### Cable/line

Cable length	10.2 m
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#### 25X0.25 [PVC]

UL AWM Style	2464/1061
Number of positions	25
Shielded	yes
Cable type	25X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross-section	25x 0.25 mm <sup>2</sup>
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	9.80 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 80 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Smallest bending radius, fixed installation	82 mm
Smallest bending radius, movable installation	155 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable) VDE 0842, Part 332-1-2 (raw cable) IEC 60332-3-22 (raw cable) UL VW-1 CSA FT-1

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Resistance to oil	can withstand occasional splashes (raw cable)
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## Connection data

### Field level

Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25
Conductor cross-section AWG	24

### Controller level

Connection method	D-SUB socket strip
Number of connections	1
Number of positions	25
Conductor cross-section AWG	24

## 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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## 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.

### EU REACH SVHC

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