

VIP-CAB-FLK20/2,8X0,8/35,0M/S - Cable



2904560

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Assembled shielded round cable with additional shield connection and one 20-pos. molded socket strip (90° outlet) and an open end. At the open end, the wires are marked 1 to 20 and are fitted with slip-on sleeves, cable length: 35 m

Your advantages

- 20-pos.
- 1:1 connection
- Open end at one end

Commercial data

Item number	2904560
Packing unit	1 pc
Minimum order quantity	12 pc
Product key	DK2AH2
GTIN	4046356862264
Weight per piece (including packing)	3,162 g
Weight per piece (excluding packing)	3,162 g
Country of origin	DE

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Technical data

Product properties

Product type	System cable
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Insulation characteristics: Air clearances and creepage distances

Insulation	Functional insulation
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Electrical properties

Operating voltage (DC)	≤ 24 V DC
Current (Per path)	≤ 0.5 A

Cable/line

Cable length	35 m
UL AWM Style	2464/1061
Number of positions	20
Shielded	yes
Conductor type	Assembled shielded round cable
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross-section	20x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	7.70 mm ±0.3 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (at 20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	80 mm
Smallest bending radius, movable installation	144 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000 (at a radius of ≥ 18x 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

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	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)
Cable type	Cable for one module

Connection data

Flat-ribbon cable connector

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	20
Exit angle	90 °
Insertion/withdrawal cycles	> 200
Pitch	2.54 mm
Connection method	Single wires
Number of positions	20
Note	The wires are marked and fitted with slip-on sleeves.

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
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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

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com