

Cable - VIP-CAB-FLK40/0,14/2,0M

2318813

<https://www.phoenixcontact.com/us/products/2318813>



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Round cable set; connection 1: IDC/FLK socket strip (1x 40-position, 180 °-out put); connection 2: IDC/FLK socket strip (1x 40-position, 90 °-out put); cable length: 2 m

Your advantages

- Available in any choice of length
- 26-pos. ... 50-pos.
- Individual serial number
- Connector in accordance with IEC 60603-13
- 1:1 connection

Commercial Data

Item number	2318813
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C02
Product Key	CK2331
Catalog Page	Page 582 (C-5-2017)
GTIN	4046356312318
Weight per Piece (including packing)	326.6 g
Weight per Piece (excluding packing)	326.6 g
Customs tariff number	85444290
Country of origin	DE

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Technical Data

Product properties

Product type	System cable
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Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Max. current carrying capacity per path	1 A

Cable / line

Cable length	2 m
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40X0.14 [PVC]

UL AWM Style	2464/1061
Number of positions	40
Shielded	no
Cable type	40X0.14 [PVC]
Conductor type	Round cable set
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	40x 0.14 mm ²
Wire diameter incl. insulation	1 mm ±0.03 mm
External cable diameter	9.9 mm ±0.4 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Tin-plated Cu litz wires
Cable resistance	≤ 145 Ω/km (20 °C)
Insulation resistance	≥ 20 MΩ*km (20 °C)
Smallest bending radius, fixed installation	82 mm
Smallest bending radius, movable installation	155 mm
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
Resistance to oil	can withstand occasional splashes (raw cable)
Type	Cable for one module

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Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
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Connection data

Field level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	40
Exit angle	90 °
Pitch	2.54 mm

Controller level

Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	40
Exit angle	180 °
Pitch	2.54 mm

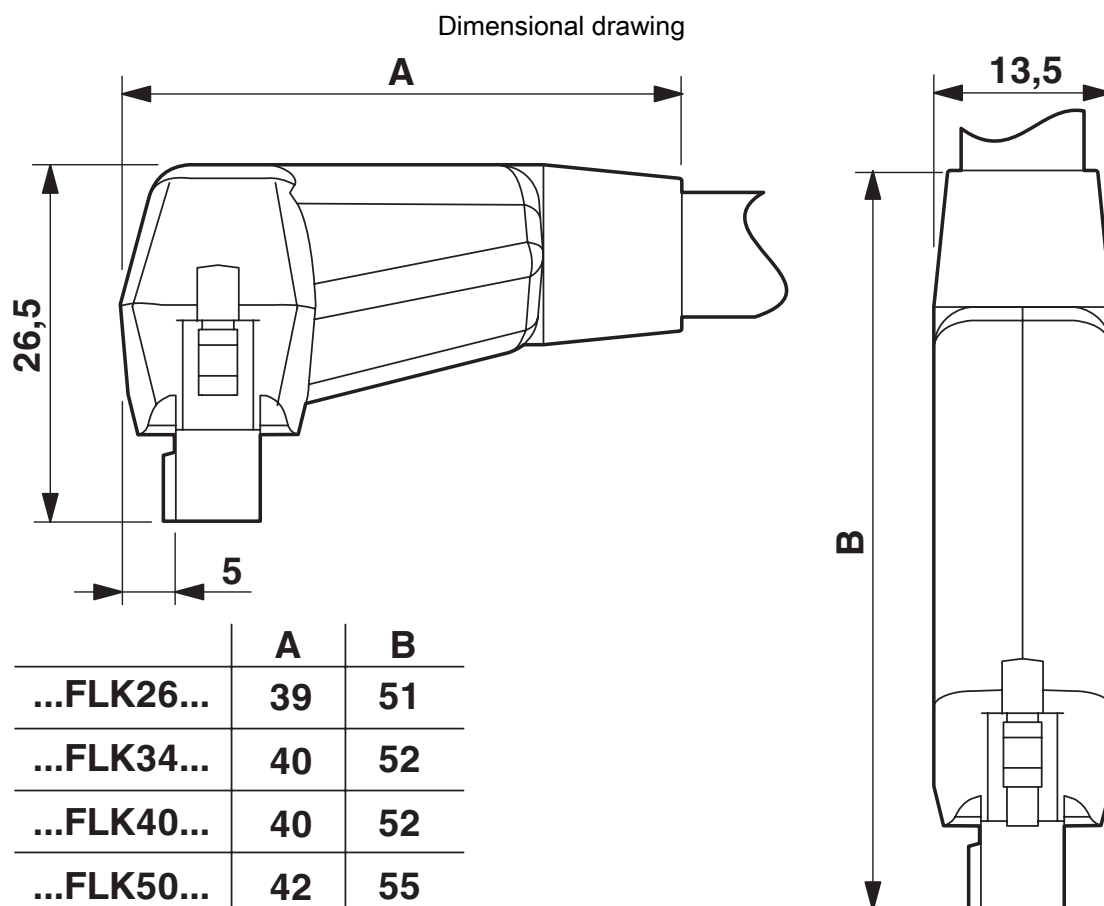
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Drawings



Cable - VIP-CAB-FLK40/0,14/2,0M

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Classifications

ECLASS

ECLASS-9.0	27242220
ECLASS-10.0.1	27242220
ECLASS-11.0	27242220

ETIM

ETIM 7.0	EC000237
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UNSPSC

UNSPSC 21.0	26121620
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

Cable marker carrier

Cable marker carrier - KME - 0807083

<https://www.phoenixcontact.com/us/products/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

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