

## Round cable - VIP-CAB-FLK50/FR/OE/0,14/2,0M - 2900149

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Round cable set; Connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules.); Connection 2: IDC/FLK socket strip (1x 50-position, 90 °-Out put); Cable length: 2 m


The figure shows the 14-pos. version

### Why buy this product

- 20 and 50-pos.
- Connector according to IEC 60603-13
- Open end at one end
- 1:1 connection

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 477048
GTIN	4046356477048
Weight per Piece (excluding packing)	360.000 g
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### General

Nominal voltage $U_N$	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. conductor resistance	0.16 $\Omega$ /m
Length of cable	2 m

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## Technical data

### General

Single wire, cross section	0.14 mm <sup>2</sup>
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	10.3 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no

### Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

### Connector 1

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	50
Exit angle	90 °
Pitch	2.54 mm

### Connector 2

Connection name	Controller level
Connection method	Single wires
Number of positions	50
Note	The wires are marked and fitted with ferrules.

### Supported controller

Controller	universal
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### Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

### Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK50 (1) = black
	IDC/FLK50 (2) = brown
	IDC/FLK50 (3) = red
	IDC/FLK50 (4) = orange
	IDC/FLK50 (5) = yellow

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## Technical data

### Color code

	IDC/FLK50 (6) = green
	IDC/FLK50 (7) = blue
	IDC/FLK50 (8) = violet
	IDC/FLK50 (9) = gray
	IDC/FLK50 (10) = white
	IDC/FLK50 (11) = white-black
	IDC/FLK50 (12) = white-brown
	IDC/FLK50 (13) = white-red
	IDC/FLK50 (14) = white-orange
	IDC/FLK50 (15) = white-yellow
	IDC/FLK50 (16) = white-green
	IDC/FLK50 (17) = white-blue
	IDC/FLK50 (18) = white-violet
	IDC/FLK50 (19) = white-gray
	IDC/FLK50 (20) = brown-black
	IDC/FLK50 (21) = brown-red
	IDC/FLK50 (22) = brown-orange
	IDC/FLK50 (23) = brown-yellow
	IDC/FLK50 (24) = brown-green
	IDC/FLK50 (25) = brown-blue
	IDC/FLK50 (26) = brown-violet
	IDC/FLK50 (27) = brown-gray
	IDC/FLK50 (28) = brown-white
	IDC/FLK50 (29) = green-black
	IDC/FLK50 (30) = green-brown
	IDC/FLK50 (31) = green-red
	IDC/FLK50 (32) = green-orange
	IDC/FLK50 (33) = green-blue
	IDC/FLK50 (34) = green-violet
	IDC/FLK50 (35) = green-gray
	IDC/FLK50 (36) = green-white
	IDC/FLK50 (37) = yellow-black
	IDC/FLK50 (38) = yellow-brown
	IDC/FLK50 (39) = yellow-red
	IDC/FLK50 (40) = yellow-orange
	IDC/FLK50 (41) = yellow-blue
	IDC/FLK50 (42) = yellow-violet

## Round cable - VIP-CAB-FLK50/FR/OE/0,14/2,0M - 2900149

### Technical data

#### Color code

	IDC/FLK50 (43) = yellow-gray
	IDC/FLK50 (44) = yellow-white
	IDC/FLK50 (45) = gray-black
	IDC/FLK50 (46) = gray-brown
	IDC/FLK50 (47) = gray-red
	IDC/FLK50 (48) = gray-orange
	IDC/FLK50 (49) = gray-yellow
	IDC/FLK50 (50) = gray-green

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Classifications

#### eCl@ss

eCl@ss 5.1	27249205
eCl@ss 6.0	27249205
eCl@ss 7.0	27249205
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

#### ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237
ETIM 6.0	EC000237

#### UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

# Round cable - VIP-CAB-FLK50/FR/OE/0,14/2,0M - 2900149

## Approvals

### Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

### Approval details

EAC			RU C-DE.A*30.B00767
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UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal current IN	1 A		
Nominal voltage UN	125 V		

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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cULus Listed			
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