PHŒNIX CONTACT

Round cable - VIP-CAB-FLK20/FR/OE/0,14/2,0M - 2900142

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Round cable set; connection 1: Single wires (20-position) (The wires are marked and fitted with ferrules.); connection 2: IDC/FLK socket strip (1x 20-position, 90 °-out put); cable length: 2 m

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	
GTIN	4046356476966
Weight per Piece (excluding packing)	180.000 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 Ω/m
Length of cable	2 m
Single wire, cross section	0.14 mm²

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Technical data

General

Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	7.6 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	20
Exit angle	90 °
Pitch	2.54 mm

Connector 2

Connection name	Controller level
Connection method	Single wires
Number of positions	20
Note	The wires are marked and fitted with ferrules.

Supported controller

Controller	universal

Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK20 (1) = black
	IDC/FLK20 (2) = brown
	IDC/FLK20 (3) = red
	IDC/FLK20 (4) = orange
	IDC/FLK20 (5) = yellow
	IDC/FLK20 (6) = green
	IDC/FLK20 (7) = blue
	IDC/FLK20 (8) = violet
	IDC/FLK20 (9) = gray

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Technical data

Color code

	IDC/FLK20 (10) = white
	IDC/FLK20 (11) = white-black
	IDC/FLK20 (12) = white-brown
	IDC/FLK20 (13) = white-red
	IDC/FLK20 (14) = white-orange
	IDC/FLK20 (15) = white-yellow
	IDC/FLK20 (16) = white-green
	IDC/FLK20 (17) = white-blue
	IDC/FLK20 (18) = white-violet
	IDC/FLK20 (19) = white-gray
	IDC/FLK20 (20) = brown-black

Standards and Regulations

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

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	27242200
eCl@ss 6.0	27249200
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

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Classifications

UNSPSC

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

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC	EAC	RU C-DE.A*30.B00767

UL Listed	UL LISTED	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	125 V
Nominal current IN	1 A

cUL Listed	c UL LISTED	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	125 V
Nominal current IN	1 A

cULus Listed	c UL us LISTED

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Accessories

Accessories

Marker carrier cable

Cable marker carrier - KME - 0807083

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