

## Round cable - CABLE-FCN40/1X50/ 6.0M/M340 - 2321680

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Round cable set; controller: MODICON® M340 (BMX DDI 3202K, BMX DDI 6402K, BMX DD0 3202K, BMX DD0 6402K, BMX DDM 3202K); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 6 m

### Your advantages

- ✔ Signal transfer of 32 channels

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 412179
GTIN	4046356412179
Weight per Piece (excluding packing)	800.000 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	6 m
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	10.5 mm
Shielding	no
Outer sheath, material	PVC

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## Technical data

### General

External sheath, color	RAL7035
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### 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
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	against occasional splashes

### Connector 1

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

### Connector 2

Connection name	Controller level
Connection method	Fujitsu connector
Number of connections	1
Number of positions	40

### Supported controller

Controller	Schneider Electric Modicon M340
- suitable I/O card	BMX DDI 3202K
	BMX DDI 6402K
	BMX DD0 3202K
	BMX DD0 6402K
	BMX DDM 3202K

### Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	against occasional splashes

### Color code

Connector 1 = connector 2 (optional) = wire color	Fujitsu40 (A1) = IDC/FLK50 (47) = black
	Fujitsu40 (B1) = IDC/FLK50 (37) = brown
	Fujitsu40 (A2) = IDC/FLK50 (35) = red
	Fujitsu40 (B2) = IDC/FLK50 (25) = orange
	Fujitsu40 (A3) = IDC/FLK50 (46) = yellow
	Fujitsu40 (B3) = IDC/FLK50 (45) = green

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#### Color code

	Fujitsu40 (A4) = IDC/FLK50 (44) = blue
	Fujitsu40 (B4) = IDC/FLK50 (43) = violet
	Fujitsu40 (A5) = IDC/FLK50 (42) = gray
	Fujitsu40 (B5) = IDC/FLK50 (41) = white
	Fujitsu40 (A6) = IDC/FLK50 (40) = white-black
	Fujitsu40 (B6) = IDC/FLK50 (39) = white-brown
	Fujitsu40 (A7) = IDC/FLK50 (34) = white-red
	Fujitsu40 (B7) = IDC/FLK50 (33) = white-orange
	Fujitsu40 (A8) = IDC/FLK50 (32) = white-yellow
	Fujitsu40 (B8) = IDC/FLK50 (31) = white-green
	Fujitsu40 (A9) = IDC/FLK50 (30) = white-blue
	Fujitsu40 (B9) = IDC/FLK50 (29) = white-violet
	Fujitsu40 (A10) = IDC/FLK50 (28) = white-gray
	Fujitsu40 (B10) = IDC/FLK50 (27) = brown-black
	Fujitsu40 (A11) = IDC/FLK50 (23) = brown-red
	Fujitsu40 (B11) = IDC/FLK50 (13) = brown-orange
	Fujitsu40 (A12) = IDC/FLK50 (11) = brown-yellow
	Fujitsu40 (B12) = IDC/FLK50 (1) = brown-green
	Fujitsu40 (A13) = IDC/FLK50 (22) = brown-blue
	Fujitsu40 (B13) = IDC/FLK50 (21) = brown-violet
	Fujitsu40 (A14) = IDC/FLK50 (20) = brown-gray
	Fujitsu40 (B14) = IDC/FLK50 (19) = brown-white
	Fujitsu40 (A15) = IDC/FLK50 (18) = green-black
	Fujitsu40 (B15) = IDC/FLK50 (17) = green-brown
	Fujitsu40 (A16) = IDC/FLK50 (16) = green-red
	Fujitsu40 (B16) = IDC/FLK50 (15) = green-orange
	Fujitsu40 (A17) = IDC/FLK50 (10) = green-blue
	Fujitsu40 (B17) = IDC/FLK50 (9) = green-violet
	Fujitsu40 (A18) = IDC/FLK50 (8) = green-gray
	Fujitsu40 (B18) = IDC/FLK50 (7) = green-white
	Fujitsu40 (A19) = IDC/FLK50 (6) = yellow-black
	Fujitsu40 (B19) = IDC/FLK50 (5) = yellow-brown
	Fujitsu40 (A20) = IDC/FLK50 (4) = yellow-red
	Fujitsu40 (B20) = IDC/FLK50 (3) = yellow-orange

#### Environmental Product Compliance

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

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

## Approvals

### Approvals

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#### Approvals


UL Listed / cUL Listed / EAC / cULus Listed

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#### Ex Approvals

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### Approval details

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 voltage UN	125 V		
Nominal current IN	1 A		

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