


## Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK strips, length: 8 m.



### Key commercial data

Packing unit	1 pc
GTIN	 4 046356 745468
Weight per Piece (excluding packing)	125.1 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### General

Nominal voltage $U_N$	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. total current of all branches	2 A
Max. conductor resistance	0.16 $\Omega$ /m
Length of cable	8 m
Single wire, cross section	0.14 mm <sup>2</sup>
AWG	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

#### Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
---------------------------------	------------------

## Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

### Technical data

#### Environmental conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	Against occasional splashes

#### Connector, module side

Number of positions	14
Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	4

#### Connector, controller side

Number of positions	40
Connectors	Fujitsu connector
Number of plugs	1

#### Supported controller

Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX41
	QX41-S1
	QX42
	QX42-S1
	QY41P
	QY42P
	QH42P
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P
	LY42PT1P
Controller	HONEYWELL MasterLogic 200
- suitable I/O card	2MLQ-TR4A
	2MLQ-TR8A
	2MLQ-TR4B
	2MLQ-TR8B

### Classifications

#### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306

# Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

## Classifications

### eCl@ss

eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205

### ETIM

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

### UNSPSC

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

## Approvals

### Approvals

---

Approvals

EAC

---

Ex Approvals

---

Approvals submitted

---

### Approval details

EAC
-----

## Drawings

# Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Connection diagram

Federl. (X1)	Doppel- belegung	Aderfarbe	FLK 14 (X2) Byte 0	FLK 14 (X3) Byte 1	FLK 14 (X4) Byte 2	FLK 14 (X5) Byte 3
PIN B20		schwarz	PIN 1			
PIN B19		braun	PIN 2			
PIN B18		rot	PIN 3			
PIN B17		orange	PIN 4			
PIN B16		gelb	PIN 5			
PIN B15		grün	PIN 6			
PIN B14		blau	PIN 7			
PIN B13		violett	PIN 8			
PIN B01		grau	PIN 9			
PIN A01		weiß	PIN10			
PIN B12		schwarz		PIN 1		
PIN B11		braun		PIN 2		
PIN B10		rot		PIN 3		
PIN B09		orange		PIN 4		
PIN B08		gelb		PIN 5		
PIN B07		grün		PIN 6		
PIN B06		blau		PIN 7		
PIN B05		violett		PIN 8		
		grau		PIN 9		
		weiß		PIN10		
PIN A20		schwarz			PIN 1	
PIN A19		braun			PIN 2	
PIN A18		rot			PIN 3	
PIN A17		orange			PIN 4	
PIN A16		gelb			PIN 5	
PIN A15		grün			PIN 6	
PIN A14		blau			PIN 7	
PIN A13		violett			PIN 8	
PIN B02		grau			PIN 9	
PIN A02		weiß			PIN10	
PIN A12		schwarz				PIN 1
PIN A11		braun				PIN 2
PIN A10		rot				PIN 3
PIN A09		orange				PIN 4
PIN A08		gelb				PIN 5
PIN A07		grün				PIN 6
PIN A06		blau				PIN 7
PIN A05		violett				PIN 8
		grau				PIN 9
		weiß				PIN10