

## Cable - CABLE-FCN40/4X14/12,0M/IM/MEL - 2904350

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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: 12 m



### Key commercial data

Packing unit	1
GTIN	 4 046356 804899
Custom tariff number	85444290

### 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	12 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
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B

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#### Environmental conditions

Gasoline resistance	Against occasional splashes
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#### 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
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801

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### Classifications

#### eCl@ss

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

### Drawings

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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