

## Bus system cable - SAC-4P-M12MS/15,0-990 - 1558357

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Bus system cable, CC link (10 Mbps), 4-position, PVC, red, shielded, Plug straight M12, A-coded, on free cable end, cable length: 15 m



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 293686
GTIN	4046356293686
Weight per Piece (excluding packing)	1,180.000 g
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### Dimensions

Length of cable	15 m
Stripping length of the free conductor end	50 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	4 A
Rated voltage	48 V AC

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### Technical data

#### General

	60 V DC
Number of positions	4
Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Signal type/category	CC link, 10 Mbps
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

#### Material

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

#### Pin assignment

Contact   Color (signal designation)   Contact (optional)	1 (Plug)   SR (shield)
	2 (Plug)   WH (DB)
	3 (Plug)   YE (DG)
	4 (Plug)   BU (DA)

#### Standards and Regulations

Flammability rating according to UL 94	HB
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#### Cable

Cable type	CC-Link
Cable type (abbreviation)	990
Cable structure	3xAWG20/7 + 1xAWG22/19 (filler litz wire)
Conductor cross section	0.5 mm <sup>2</sup>
AWG signal line	20
Conductor structure signal line	7x 0.28 mm
Thickness, insulation	0.89 mm (Outer cable sheath)
Wire colors	white, yellow, blue

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### Technical data

#### Cable

Shielding	Plastic-coated aluminum foil, tinned copper braided shield
Optical shield covering	78 %
External sheath, color	red
External cable diameter D	7.7 mm
Smallest bending radius, fixed installation	77 mm
Cable weight	78.8 kg/km
Outer sheath, material	PVC
Material conductor insulation	foamed PE, with high density
Conductor material	Bare Cu litz wires
Conductor resistance	31.2 Ω/km
Working capacitance	61 pF
Wave impedance	110 Ω
Nominal voltage, cable	300 V
Ambient temperature (operation)	-30 °C ... 60 °C (cable, fixed installation)
	-5 °C ... 60 °C (cable, flexible installation)

#### Environmental Product Compliance

	Lead 7439-92-1
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 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061800
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 8.0	27279218
eCl@ss 9.0	27060308

#### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC002599

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### Classifications

#### ETIM

ETIM 6.0	EC000830
ETIM 7.0	EC003249

#### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

### Approvals

#### Approvals

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Approvals


EAC

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Ex Approvals

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#### Approval details

EAC		RU C- DE.BL08.B.00286
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