

# SAC-4P-M12MS CCL TR - Termination resistor



1558470

<https://www.phoenixcontact.com/us/products/1558470>

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CC-Link termination resistor, 4-pos., M12 plug



## Commercial data

Item number	1558470
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4046356293648
Weight per piece (including packing)	16.9 g
Weight per piece (excluding packing)	11.26 g
Customs tariff number	85332100
Country of origin	DE

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## Technical data

### Product properties

Product type	Terminal resistor
Number of positions	4
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	24 V AC
	24 V DC
Nominal current $I_N$	20 mA

### General

Termination resistor	110 $\Omega$ (Contact 2 and 4)
Power consumption	0.5 W

### Signaling

Status display	no
Status display present	no

### Material specifications

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

### Connector

#### Connection 1

Type	Plug straight M12
Coding type	A

#### Connection 2

Type	free cable end
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### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	≥ 100
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 90 °C

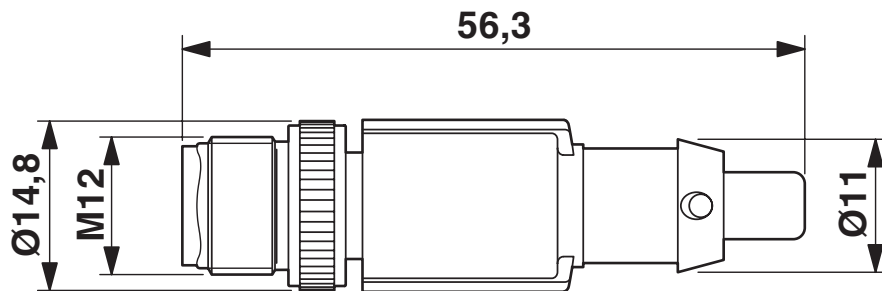
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## Drawings

Dimensional drawing



M12 termination resistor

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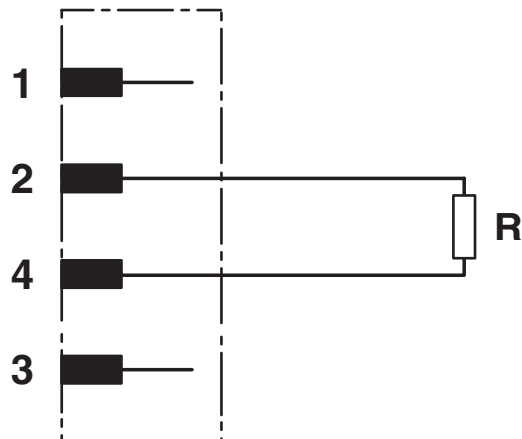
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Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side

Circuit diagram



CC-Link termination resistor, R = 110  $\Omega$

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## Classifications

### ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

### ETIM

ETIM 10.0	EC000448
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### UNSPSC

UNSPSC 21.0	32121600
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.277 kg CO2e
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