

# SAC-4P-M12MS TR 120 1/2 - Termination resistor



1410124

<https://www.phoenixcontact.com/us/products/1410124>

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Termination resistor, M12, 4-pos., M12 plug, product checked according to customer specification/railway application

## Commercial data

Item number	1410124
Packing unit	5 pc
Minimum order quantity	250 pc
Note	Made to order (non-returnable)
Product key	AF1GVX
GTIN	4055626012780
Weight per piece (including packing)	11.47 g
Weight per piece (excluding packing)	11.47 g
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
Nominal current $I_N$	20 mA

### Signaling

Status display	no
Status display present	no

### Material specifications

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
Number of positions	4
Coding type	A

### Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	$\geq 100$ (Quantity: 500 with Phoenix Contact mating connector)

### Environmental and real-life conditions

Ambient conditions	
Degree of protection	IP65
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 90 °C (Plug / socket)

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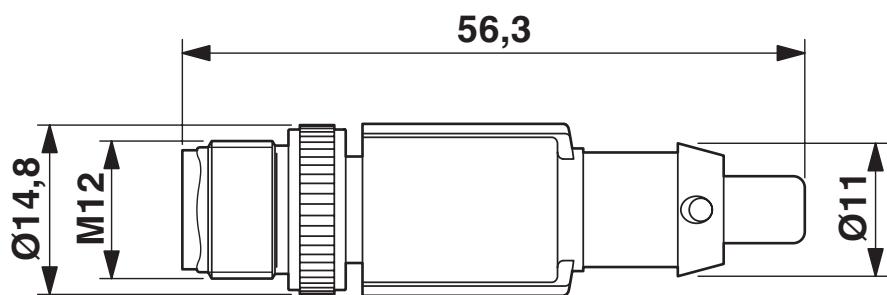


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## Drawings

Dimensional drawing



M12 termination resistor

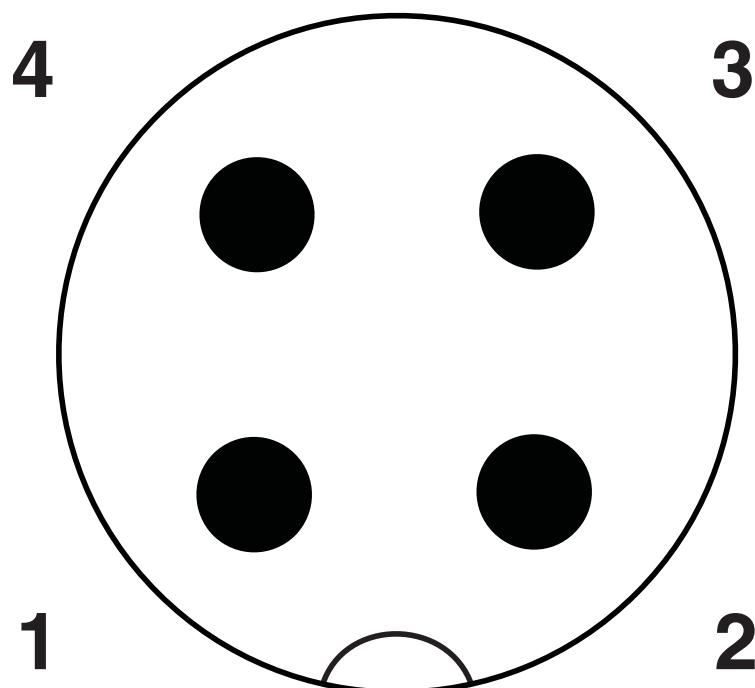
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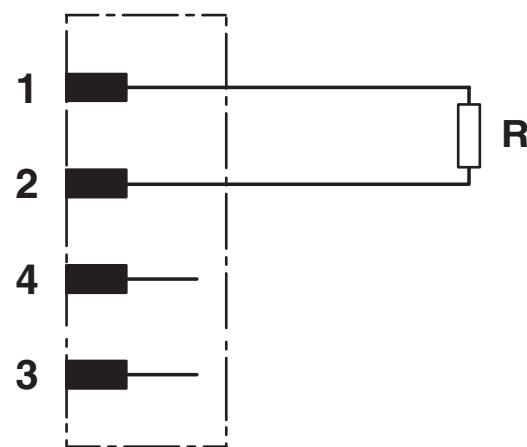


Schematic diagram



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

Circuit diagram



M12 termination resistor,  $R = 120 \Omega$

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## Classifications

### ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

### ETIM

ETIM 9.0	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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