

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

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



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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
	5 V _{rms}
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	≥ 100 (Quantity: 500 with Phoenix Contact mating connector)
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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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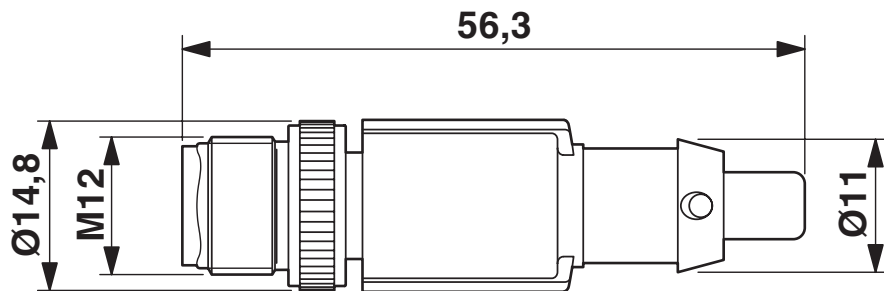


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Drawings

Dimensional drawing



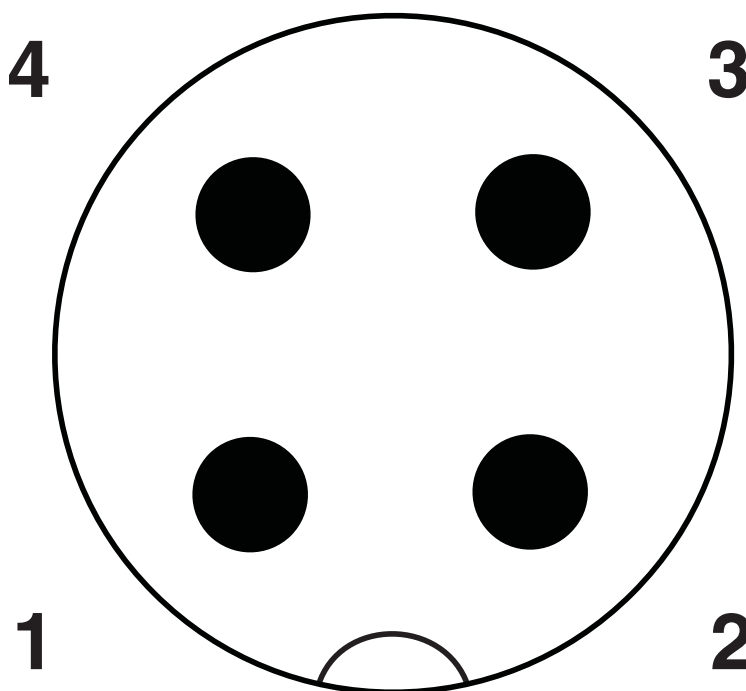
M12 termination resistor

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

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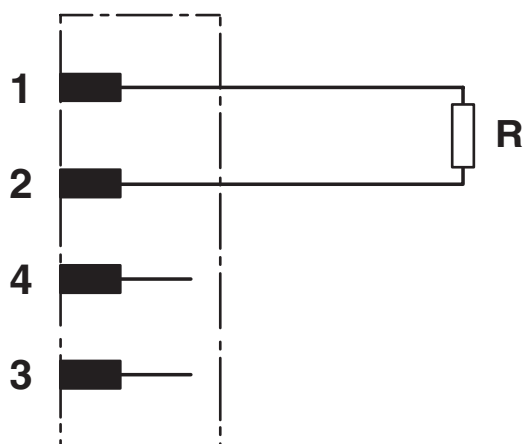
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Schematic diagram



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

Circuit diagram



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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