

SAC-4P-M12MS FF TR VA - Termination resistor



1431403

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FOUNDATION Fieldbus™ termination resistor, 4-pos., M12 connector, high-grade steel knurl



Commercial data

Item number	1431403
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4046356431644
Weight per piece (including packing)	12.06 g
Weight per piece (excluding packing)	12.06 g
Customs tariff number	85332100
Country of origin	PL

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Technical data

Product properties

Product type	Terminal resistor
Number of positions	4

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U _N	24 V AC
	24 V DC

General

Termination resistor	100 Ω (Contact 1 and 2, with 1 μF capacitor)
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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	Stainless steel

Connector

Connection 1

Type	Plug straight M12
Number of positions	4

Mechanical properties

Mechanical data

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

Ambient conditions

	IP65
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Degree of protection	IP67
	IP68
	IP69K
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 90 °C (Plug / socket)

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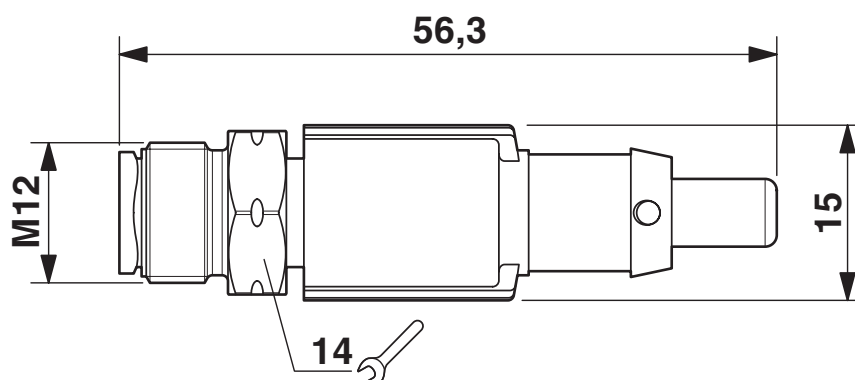


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Drawings

Dimensional drawing



M12 termination resistor

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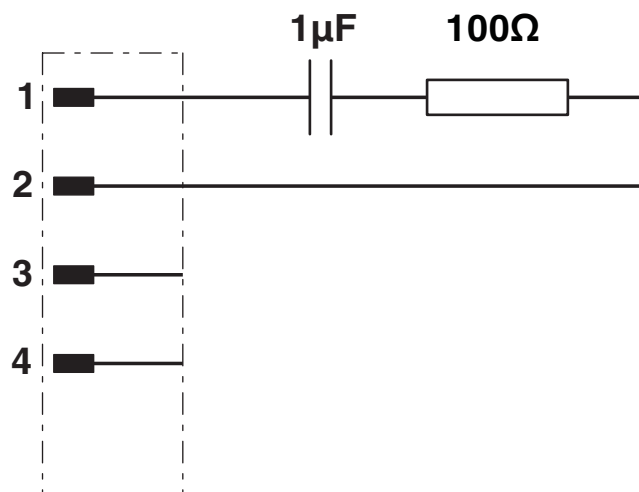
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Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

Circuit diagram



Contact assignment and wiring of the M12 FFB termination resistor

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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	0.88 kg CO2e
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