

# Termination resistor - SAC-5P-M12MS PB TR - 1507803


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Terminating resistor PROFIBUS M12



## Key Commercial Data

Packing unit	5 pc
GTIN	 4 017918 900403
GTIN	4017918900403

## Technical data

### Ambient conditions

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

### General

Rated current at 40°C	4 A
	≤ 25 mA ( $I_{eff}$ )
Rated voltage	48 V AC
	60 V DC
	5 V <sub>rms</sub>
Termination resistor	390 Ω ±1 % (R1)
	220 Ω ±1 % (R2)
	390 Ω ±1 % (R3)
Power consumption	0.25 W (R1)
	0.25 W (R2)
	0.25 W (R3)
Number of positions	4
Insulation resistance	≥ 100 MΩ

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## Technical data

### General

Coding	B - inverse
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	CuSn
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

### Standards and Regulations

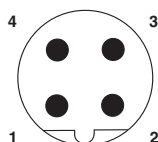
Flammability rating according to UL 94	HB
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### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

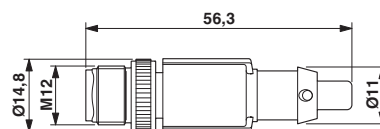
## Drawings

Schematic diagram



Pin assignment of M12 male connector, 4-pos., B-coded, view of pin side

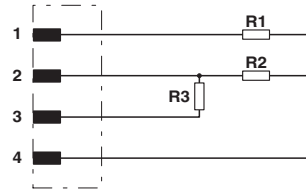
Dimensional drawing



Plug, M12 x 1, straight, shielded

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Circuit diagram



Contact assignment of the termination resistor; for resistance values, see technical data

## Approvals

Approvals

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Approvals

EAC / EAC

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Ex Approvals

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Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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