

# SAC-5P-M 8MS DN TR - Termination resistor



1435988

<https://www.phoenixcontact.com/us/products/1435988>

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Termination resistor, DeviceNet™, M8, 5-pos.



## Commercial data

Item number	1435988
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4046356431576
Weight per piece (including packing)	7.5 g
Weight per piece (excluding packing)	7.44 g
Customs tariff number	85332100
Country of origin	PL

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## Technical data

### Product properties

Product type	Terminal resistor
Number of positions	5
Coding	B

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Nominal voltage $U_N$	30 V AC
	30 V DC
	6.5 V <sub>rms</sub>
Nominal current $I_N$	3 A

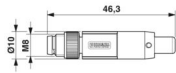
### General

Termination resistor	120 $\Omega$ (Contact 3 and 5)
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### Signaling

Status display	no
Status display present	no

### Dimensions

Dimensional drawing	
Width	10 mm
Height	10 mm
Length	46.3 mm

### Material specifications

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

### Connector

Connection 1

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Type	Plug straight M8
Number of positions	5
Coding type	B

## Mechanical properties

### Mechanical data

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 (Plug)

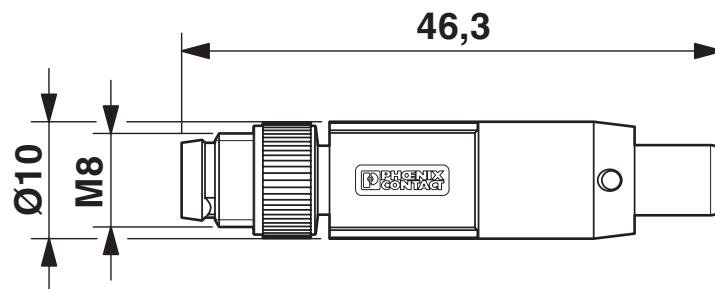
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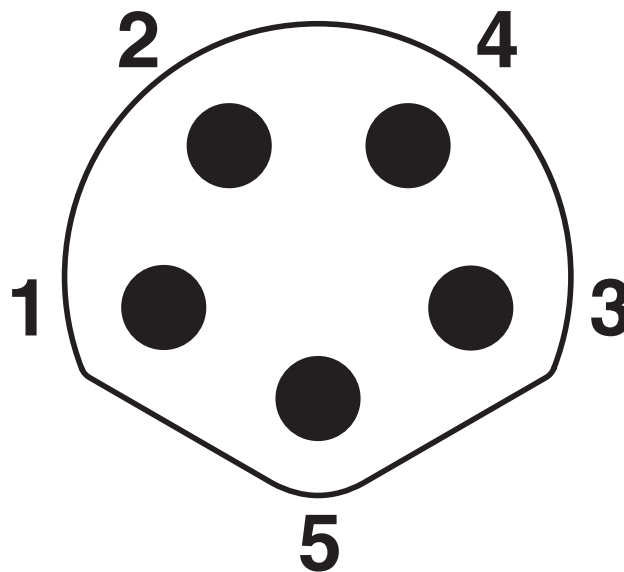
## Drawings

Dimensional drawing



M8 termination resistor

Schematic diagram



Pin assignment M8 plug, 5-pos., B-coded, view plug side

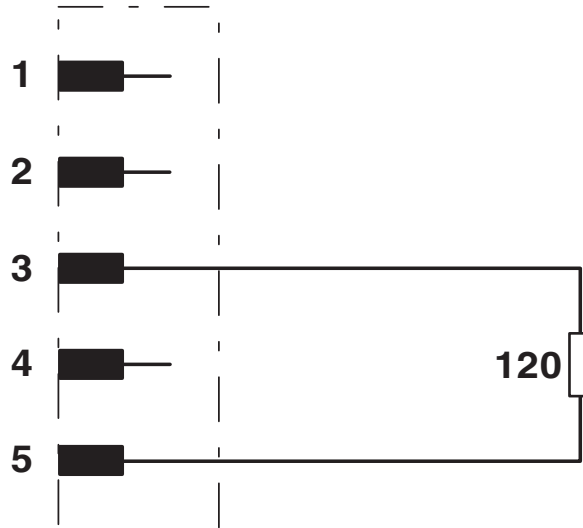
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Circuit diagram



Internal wiring of connections

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1435988>



**EAC**

Approval ID: RU C-DE.AI30.B.01102



**UL Listed**

Approval ID: FILE E 221474

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	30 V	3 A	-	-



**cUL Listed**

Approval ID: FILE E 221474

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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	0.282 kg CO2e
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