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

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_{rms}
Nominal current I_N	3 A

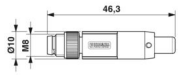
General

Termination resistor	120 Ω (Contact 3 and 5)

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

Type	Plug straight M8
Number of positions	5
Coding type	B

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

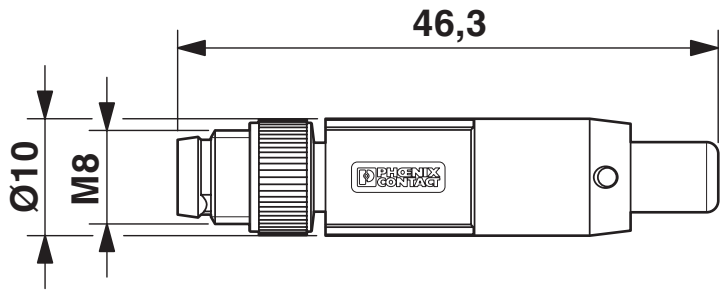
Environmental and real-life conditions

Ambient conditions

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

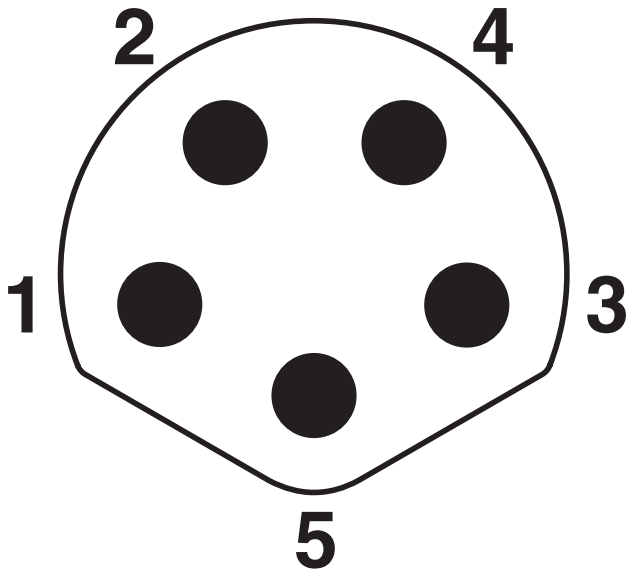
Drawings

Dimensional drawing



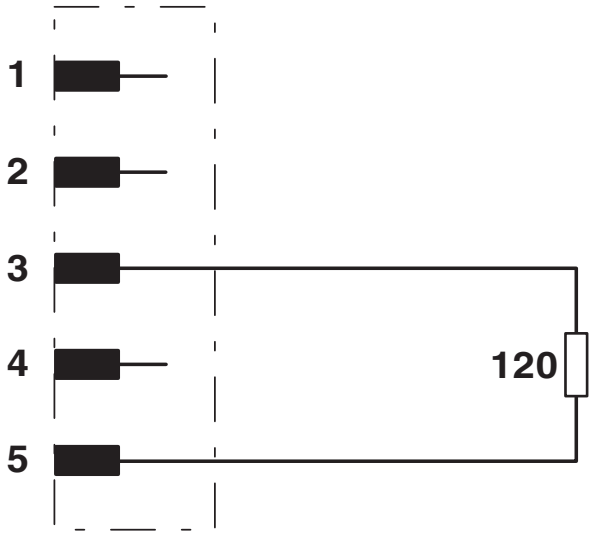
M8 termination resistor

Schematic diagram



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

Circuit diagram



Internal wiring of connections

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 mm^2
keine				
	30 V	3 A	-	-

cUL Listed
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keine				
	30 V	3 A	-	-

Classifications

ECLASS

ECLASS-13.0	19070403
ECLASS-15.0	19070403

ETIM

ETIM 10.0	EC000448

UNSPSC

UNSPSC 21.0	32121600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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%

EF3.1 Climate Change

CO2e kg	0.282 kg CO2e

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