SAC-5P-M12FS CAN TR - Termination resistor

1529344

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Terminating resistor CANopen®/DeviceNet™ M12

Commercial data

Item number	1529344
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BF10
Product key	AF1GVX
GTIN	4017918989538
Weight per piece (including packing)	12.74 g
Weight per piece (excluding packing)	9.28 g
Customs tariff number	85332100
Country of origin	DE

Technical data

Product properties

Product type	Terminal resistor
Number of positions	5
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
	5 V_{rms}
Nominal current I_N	4 A
	45 mA (I_{eff})

General

Termination resistor	120 Ω ±1 %
Power consumption	≤ 0.25 W

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	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Type	Socket straight M12
Number of positions	5
Coding type	A

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Environmental and real-life conditions

Ambient conditions

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

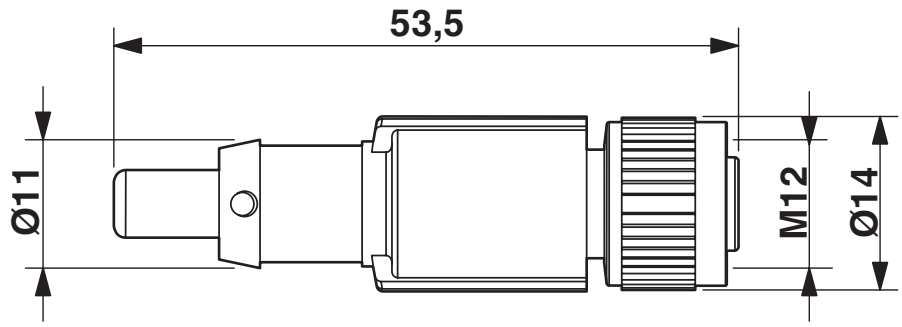
Approvals

National Marine Electronics Association

Certificate	approved

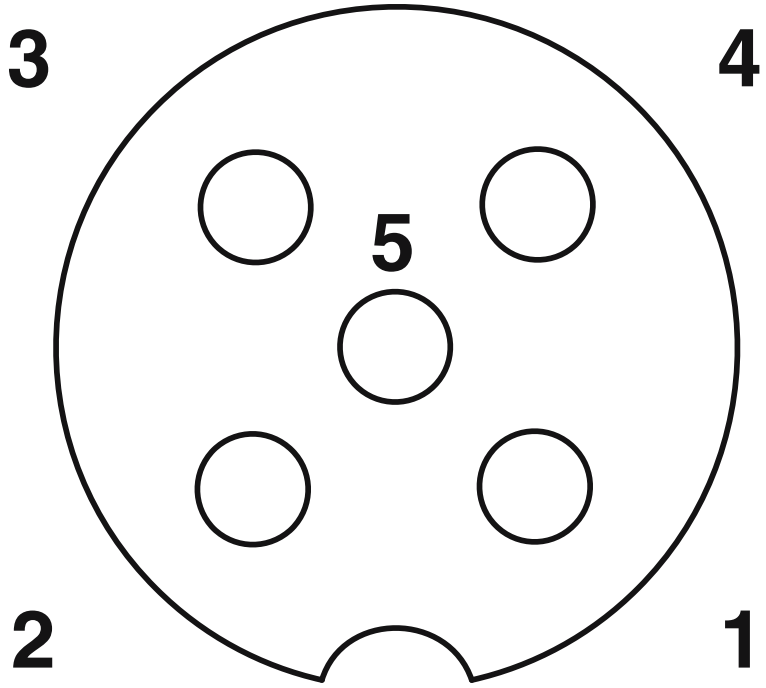
Drawings

Dimensional drawing



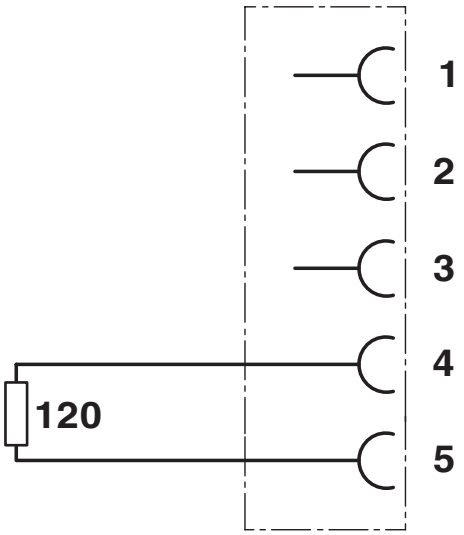
M12 x 1 socket, straight

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Circuit diagram



Internal wiring of connections

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	0.431 kg CO2e

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com