

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

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Terminating resistor PROFIBUS M12

RoHS

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
	$\leq 25 \text{ mA (I}_{\text{eff}})$
Rated voltage	48 V AC
	60 V DC
	5 V _{rms}
Termination resistor	390 $\Omega \pm 1 \%$ (R1)
	220 $\Omega \pm 1 \%$ (R2)
	390 $\Omega \pm 1 \%$ (R3)
Power consumption	0.25 W (R1)
	0.25 W (R2)
	0.25 W (R3)
Number of positions	4
Insulation resistance	$\geq 100 \text{ M}\Omega$

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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

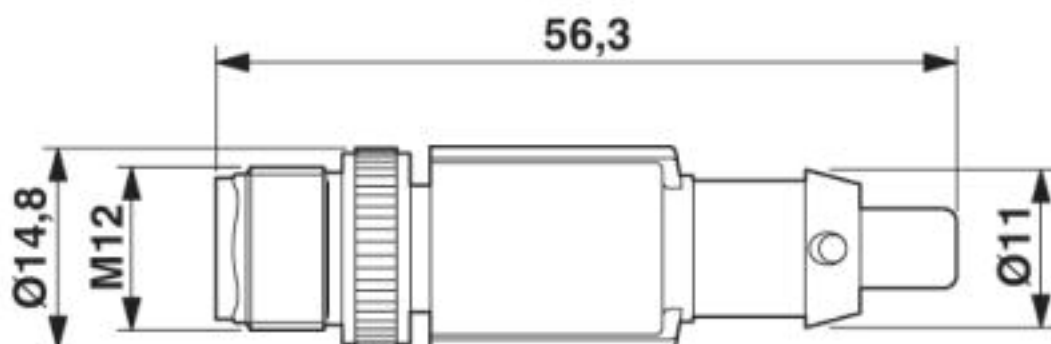
Flammability rating according to UL 94	HB
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

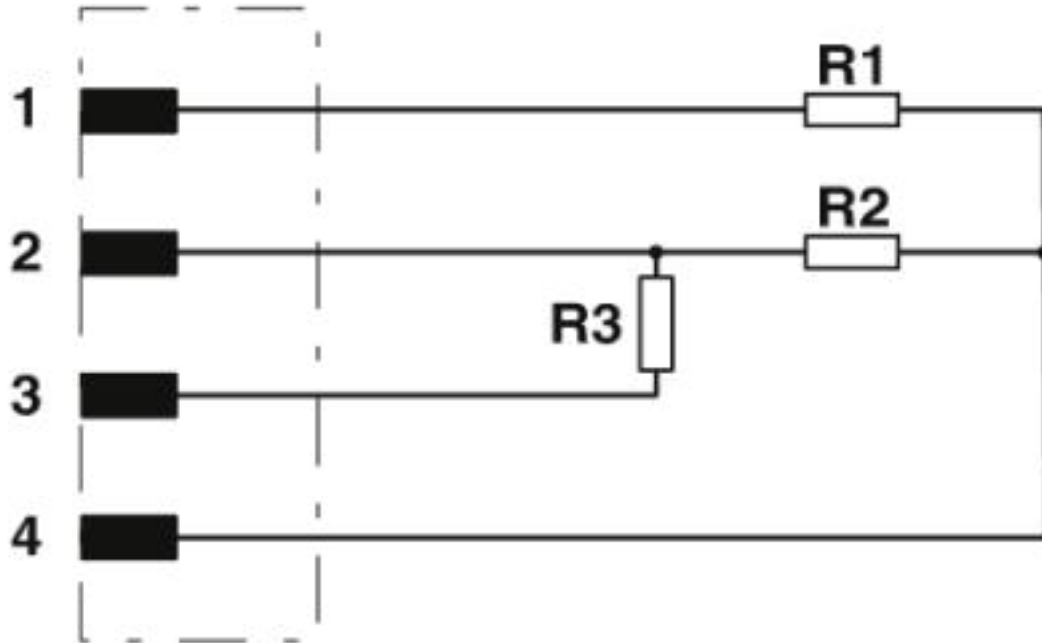
Dimensional drawing



Plug, M12 x 1, straight, shielded

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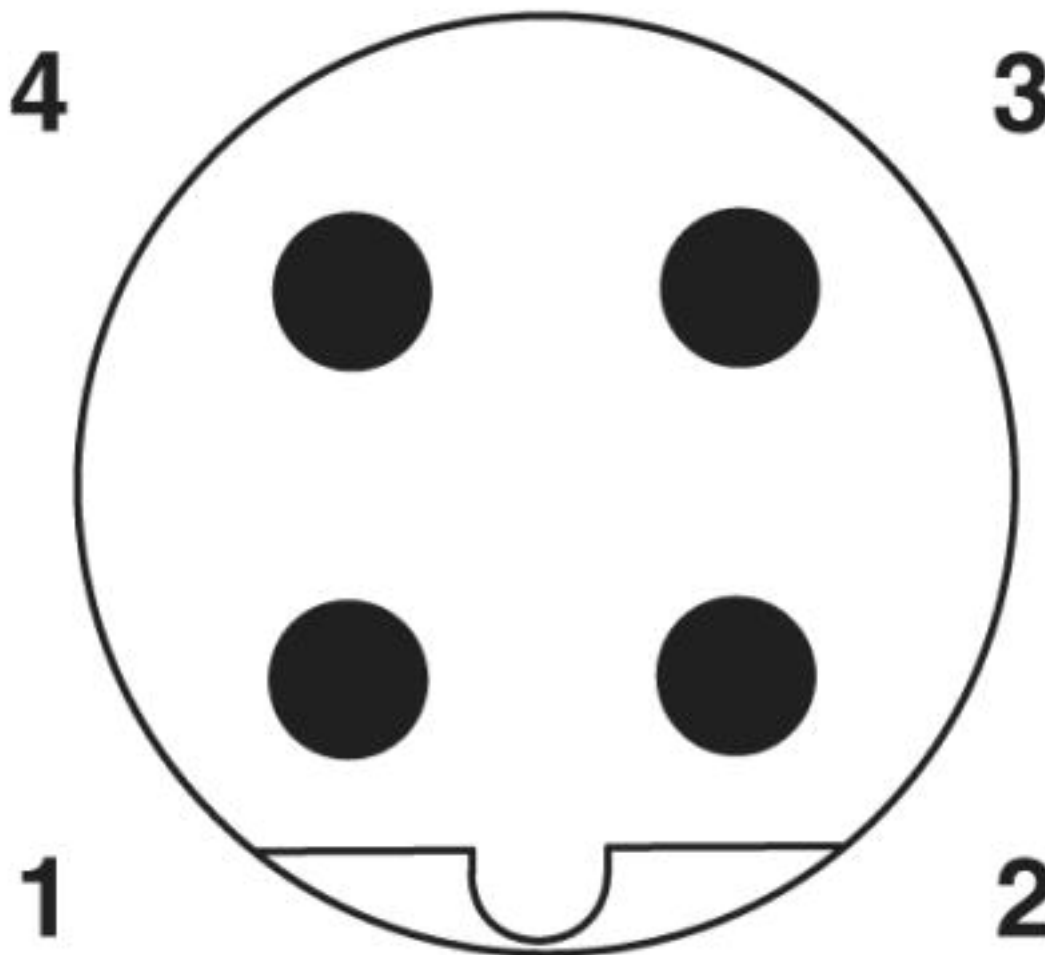
Circuit diagram



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

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Schematic diagram



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

Classifications

eCl@ss

eCl@ss 10.0.1	19070403
eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	19070400
eCl@ss 5.1	19070400
eCl@ss 6.0	19070400
eCl@ss 7.0	19070403
eCl@ss 8.0	19070403
eCl@ss 9.0	19070403

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Classifications

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC000448
ETIM 6.0	EC000448
ETIM 7.0	EC000448

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	32121617
UNSPSC 18.0	32121617
UNSPSC 19.0	32121617
UNSPSC 20.0	32121617
UNSPSC 21.0	32121617

Approvals

Approvals

Approvals

EAC / EAC / EAC

Ex Approvals

Approval details

EAC		RU C- DE.AI30.B.01102
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EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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