

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


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Terminating resistor PROFIBUS M12



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
GTIN	 4 017918 900403
GTIN	4017918900403
Weight per Piece (excluding packing)	11.490 g
Custom tariff number	85332100
Country of origin	Germany

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 _{rms}

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Technical data

General

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
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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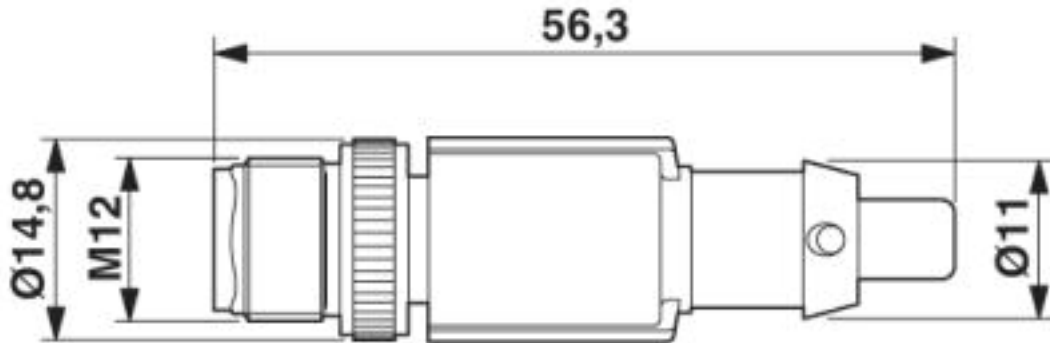
Environmental Product Compliance

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

Drawings

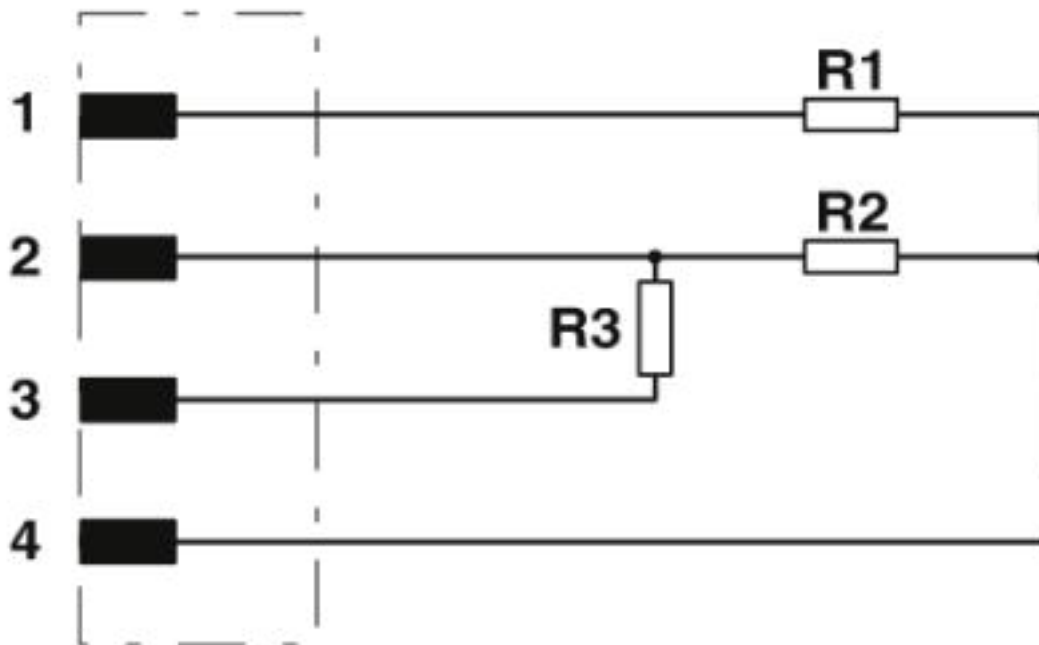
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Dimensional drawing



Plug, M12 x 1, straight, shielded

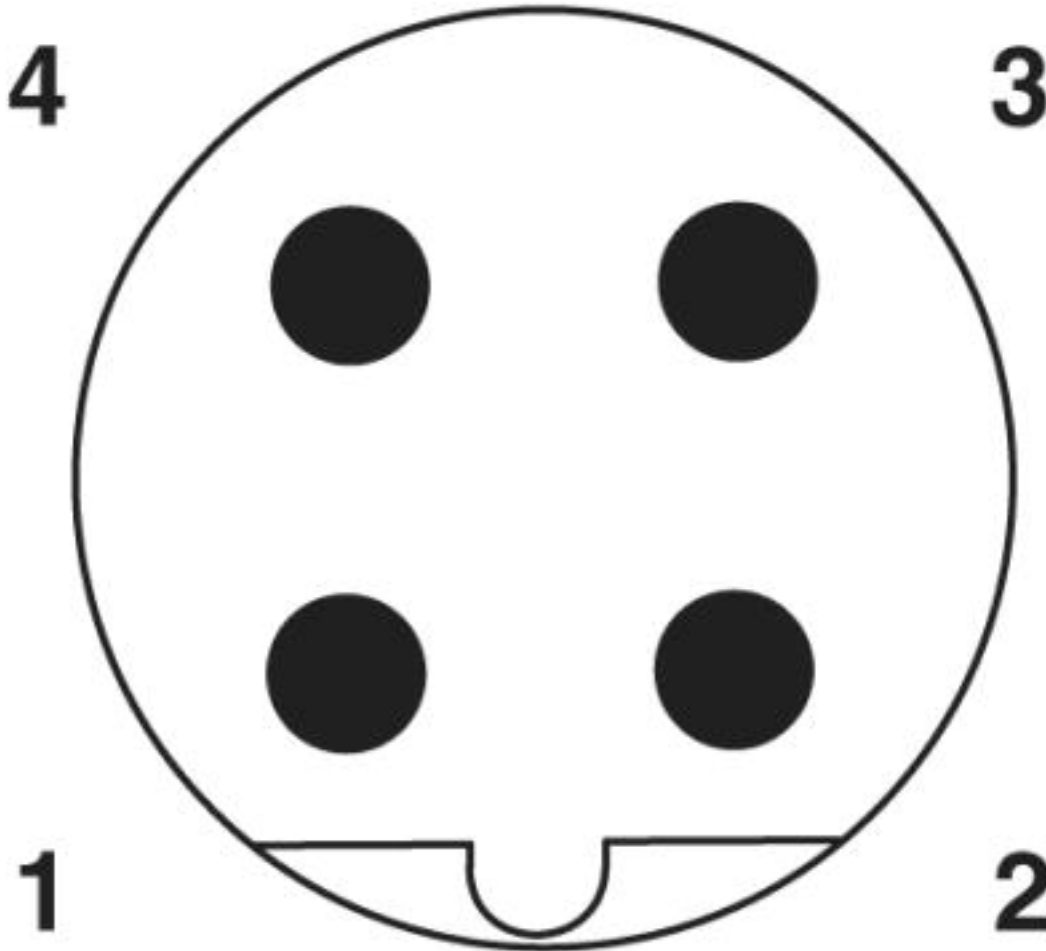
Circuit diagram



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

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

Schematic diagram



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

Classifications

eCl@ss

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

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

Classifications

eCl@ss

eCl@ss 9.0	19070403
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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

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

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