



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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


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Terminating resistor PROFIBUS M12



Key Commercial Data

Packing unit	5 STK
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
	≤ 25 mA (I_{eff})
Rated voltage	48 V AC
	60 V DC
	5 V _{rms}
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

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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

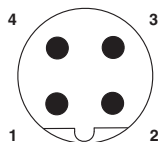
Flammability rating according to UL 94	HB
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Environmental Product Compliance

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

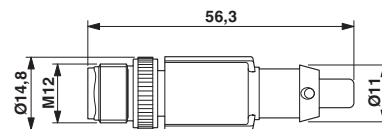
Drawings

Schematic diagram



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

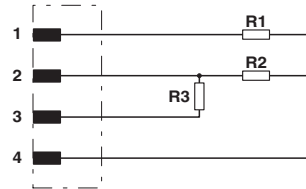
Dimensional drawing



Plug, M12 x 1, straight, shielded

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Circuit diagram



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

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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