



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China




SACC-M 8FS-4PCON

Order No.: 1506781

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1506781>

Sensor/actuator connector, female, straight, 4-pos., M8, Piercecon®,
metal knurl, cable diameter max. 5 mm

Commercial data

GTIN (EAN)	 4 017918 892708
sales group	D121
Pack	1 pcs.
Customs tariff	85366990
Catalog page information	Page 41 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
03/10/2006



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Technical data**General data**

Rated current at 40°C	4 A
Rated voltage	30 V
Number of positions	4
Volume resistance	≤ 3 mΩ

Insulation resistance	$\geq 100 \text{ M}\Omega$
Ambient temperature (operation)	-25 °C ... 90 °C (Male connector / female connector)

General characteristics

Standards/regulations	M8 connector IEC 61076-2-104
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP68
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 66
Material of grip body	PA 66
Material, knurls	Nickel-plated brass
Sealing material	NBR
Type of connection	Piercecon®
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	0.38 mm ²
Conductor cross section AWG/kcmil min.	22
Conductor cross section AWG/kcmil max	26
External cable diameter	3 mm ... 5 mm
Status display	No

Certificates / Approvals

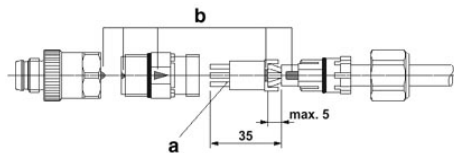


Certification

GOST

Diagrams/Drawings

Functional drawing



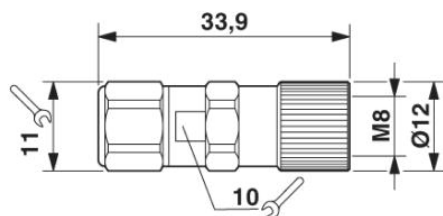
Assembly steps for M8 plug connector with Piercecon® connection

a = Cut flush

b = Coding

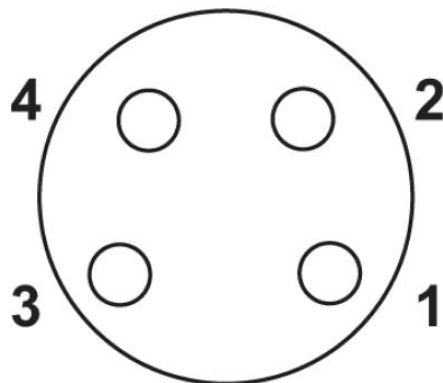
Strip the conductor by approx. 35 mm and slide on the union nut and cable clamp type cage. Without stripping the insulation of the individual cores, guide them into the corresponding chamber of the elastic core clamping and cut them off flush on the contact side. The coding marks must be flush when mounted.

Dimensioned drawing



Socket M8 x 1, straight

Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

Address

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstr. 8
32825 Blomberg, Germany
Phone +49 5235 3 12000
Fax +49 5235 3 41200
<http://www.phoenixcontact.de>



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