

**SAISGI-M-4A-4.5/8.8-M12**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems. The IDC is simple and quick to assemble since this technology allows the conductor to be inserted directly into the terminal point, without crimping or having to strip the insulation. It also has excellent functional security.

**General ordering data**

Version	Field attachable connector, M12
Order No.	<a href="#">1962420000</a>
Type	SAISGI-M-4A-4.5/8.8-M12
GTIN (EAN)	4032248644452
Qty.	1 items

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## Technical data

### Approvals

ROHS Conform

### Dimensions and weights

Diameter 19.5 mm Net weight 50.9 g

### Environmental Product Compliance

RoHS Compliance Status Compliant with exemption  
 RoHS Exemption (if applicable/known) 6c  
 REACH SVHC Lead 7439-92-1  
 SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Technical data customisable plug-in connectors

Number of poles	4	Coding	A-coded
Contact surface	tinned	LED	No
Assignment	Pin 1 - 4	Type of connection	Insulation displacement connection
Housing main material	CuZn	Insulation resistance	108 Ω
Cable diameter, max.	8.8 mm	Cable diameter, min.	4.5 mm
Conductor cross-section, max.	0.34 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Nominal voltage	50 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	3	Gender of contact	Male
Shield connection	Yes	Threaded ring material	Diecast zinc
Temperature range of housing	-25...+85 °C		

### General Info

Number of poles	4	Connection 1	M12
Connection 2	IDC	Description of article	SAIS IDC / SAIB IDC
UL 94 flammability rating	V-0	Housing main material	CuZn
Connection thread	M12	Contact surface	tinned
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0.34 mm <sup>2</sup>
Protection degree	IP67	Plugging cycles	≥ 50

### Standards

Connector standard IEC 61076-2-101

### Classifications

ETIM 8.0	EC002635	ETIM 9.0	EC002635
ETIM 10.0	EC002635	ECLASS 14.0	27-44-01-16
ECLASS 15.0	27-44-01-16		

**Pole scheme**



