

**SAISWS-P-5A-4/6-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 screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

**General ordering data**

Version	Field attachable connector, M12
Order No.	<a href="#">9456950000</a>
Type	SAISWS-P-5A-4/6-M12
GTIN (EAN)	4008190304003
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E307231

## Dimensions and weights

Net weight 21.9 g

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1, Imidazolidine-2-thione 96-45-7

SCIP a36ef13c-6057-4989-84a4-d08087d12a7d

## Technical data customisable plug-in connectors

Number of poles	5	Coding	A-coded
Contact surface	CuSnZn	Type of connection	Screw connection
Housing main material	PA	Insulation resistance	108 Ω
Cable diameter, max.	6 mm	Cable diameter, min.	4 mm
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	3	Gender of contact	Male
Contact surface	CuSnZn (5-pole) / gold plated (8-pole)	Shield connection	No
Threaded ring material	Diecast zinc	Temperature range of housing	-40 ... +85 °C

## General Info

Number of poles	5	Connection 1	M12
Connection 2	Screw	Housing main material	PA
Connection thread	M12	Contact surface	CuSnZn
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		

**Drawings**

**Pole scheme**



