

**SAIS-12/9-(TL)****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 solder connection provides high contact density on a small area. With this technology the stripped conductor is soldered to the contacts, producing good electrical conductivity.

**General ordering data**

Version	Field attachable connector, M12, pin, straight
Order No.	<a href="#">1924950000</a>
Type	SAIS-12/9-(TL)
GTIN (EAN)	4032248565757
Qty.	1 pc(s).

## SAIS-12/9-(TL)

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## Technical data

## Dimensions and weights

Net weight 19 g

## Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	A
Conductor cross-section, max.	0.25 mm <sup>2</sup>	Conductor cross-section, min.	0.14 mm <sup>2</sup>
Connection cross-section, max.	0.25 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	PA
Insulation strength	10 <sup>8</sup> Ω	Number of poles	12
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	1.5 A
Rated voltage	30 V	Rated voltage	30 V
Shield connection	No	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Solder connection

## General Info

Number of poles	12	Connection 1	M12
Connection 2	Solder connection	Housing main material	PA
Connection thread	M12	Contact surface	Gold-plated
Protection degree	IP67	Plugging cycles	≥ 100

## Standards

Connector standard IEC 61076-2-101

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16

## Environmental Product Compliance

REACH SVHC Lead 7439-92-1 Imidazolidine-2-thione 96-45-7  
 SCIP bcee35cf-c0f5-43d2-8daf-65ab0d08641a

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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**Data sheet****SAIS-12/9-(TL)****Weidmüller Interface GmbH & Co. KG**  
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User Documentation	<a href="#">Manual</a>
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Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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