

**SAI-4-M-4P-M12-SVV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

Version	Hood version, M12, 30 V, T-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	<a href="#">1431490000</a>
Type	SAI-4-M-4P-M12-SVV
GTIN (EAN)	4050118236903
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	191 g
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## Temperatures

Operating temperature	-20 - 80°C
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## Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Cable glands	M 20	Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	4 mm <sup>2</sup>	Distributor outlet	Hood version

## Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	10 A	Total current	32 A
Current per signal	10 A	Insulation strength	10 <sup>8</sup> Ω

## General technical data

Plug-in station coding	T-coded	Protection degree	IP68
Number of poles	4	Number of contact sockets	4
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≤ 50
LED	Yes	LED initiator	Yes
LED colour for indicating operation	yellow	LED colour for I/O function	yellow

## Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

## Technical data cable

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 mm
Number of poles	4	Suitable for cable carriers	No

## Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-11	ECLASS 11.0	27-44-01-11
ECLASS 12.0	27-44-01-11	ECLASS 13.0	27-44-01-11

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E141197

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

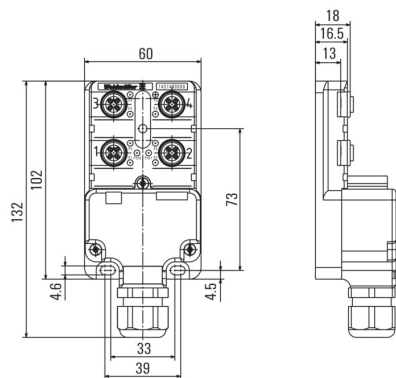
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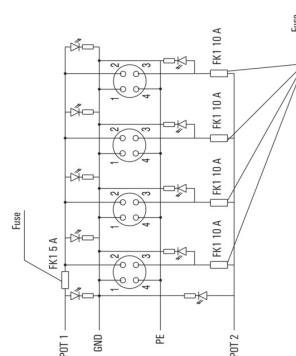
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# Drawings

## Dimensioned drawing



## Wiring diagram

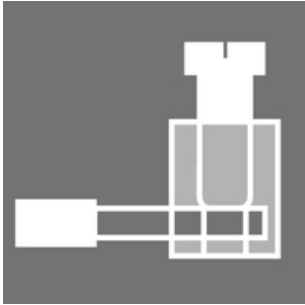


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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Screw connection**

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**General ordering data**

Type	SAIS-4/11-T-COD	Version
Order No.	<a href="#">1391970000</a>	Field attachable connector, M12, pin, straight
GTIN (EAN)	4050118192278	
Qty.	1 pc(s).	
Type	SAISW-4/11-T-COD	Version
Order No.	<a href="#">1467880000</a>	Field attachable connector, M12, pin, 90&deg;
GTIN (EAN)	4050118273380	
Qty.	1 pc(s).	