

**SAI-6-M-MVV-M12 S-COD****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, 400 V, S-coded, LED: Yes, LED initiator: , Wiring type:
Order No.	<a href="#">2085620000</a>
Type	SAI-6-M-MVV-M12 S-COD
GTIN (EAN)	4050118419771
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Net weight 100 g

## Temperatures

Operating temperature -20 - 80

## Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP 4060c755-8d0b-4d43-bdb3-4ffabe9d7497

## Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	40 mm	Cable gland	M 20
Clamping range, min.	0.2 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
Storage space	Standard	Distributor outlet	Hood version
Connection type PE	Screw connection		

## Electrical data

Rated voltage, max.	400 V	Max. current-carrying capacity per slot	27.6 A
Total current	27.6 A	Current per signal	10 A
Electrical isolation available	No		

## General technical data

Protection degree	IP68	Plug-in station coding	S-coded
Number of poles	4	Number of contact sockets	6
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≥ 50
LED	Yes	LED colour for indicating operation	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

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

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**Technical data**

**Classifications**

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

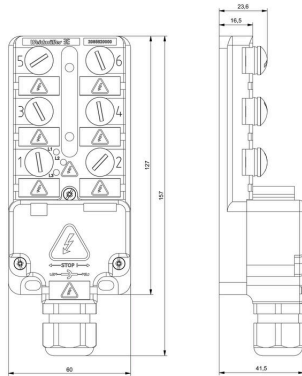
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Drawings

Dimensioned drawing



Wiring diagram

