

**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 pc(s).

## SAI-6-M-MVV-M12 S-COD

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Net weight	100 g
------------	-------

## Temperatures

Operating temperature	-20 - 80
-----------------------	----------

## Connection data

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	40 mm	Cable glands	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

Plug-in station coding	S-coded	Protection degree	IP68
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

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

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	4060c755-8d0b-4d43-bdb3-4ffabe9d7497
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

Creation date July 16, 2024 10:13:34 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

## 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)

## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

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

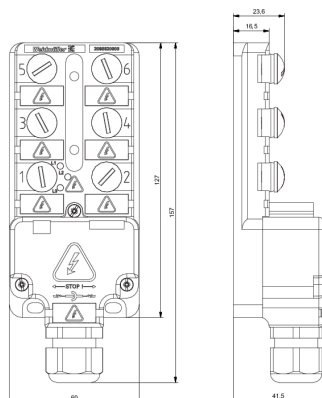
## SAI-6-M-MVV-M12 S-COD

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

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

# Drawings

## Dimensioned drawing



## Wiring diagram

