

**SAIS-M-5S-IDC-M12-L-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	Field attachable connector, M12 plug
Order No.	<a href="#">2530750000</a>
Type	SAIS-M-5S-IDC-M12-L-COD
GTIN (EAN)	4050118540574
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	50 g
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## Technical data customisable plug-in connectors

Cable diameter	5.8... 13.5 mm	Cable diameter, max.	13.5 mm
Cable diameter, min.	5.8 mm	Coding	L-coded
Conductor cross-section, max.	1.5 mm <sup>2</sup>	Conductor cross-section, min.	0.75 mm <sup>2</sup>
Contact material	Cu	Contact surface	Au (Gold)
Housing main material	Zinc diecast	Number of poles	5
Plugging cycles	500	Pollution severity	3
Protection degree	IP67, when screwed in	Rated current	12 A
Rated current	12 A	Rated voltage	63 V
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Type of connection	Insulation displacement connection (IDC)

## General Info

Number of poles	5	Connection 1	M12
Connection 2	IDC	Housing main material	Zinc diecast
Connection thread	M12 plug	Contact material	Cu
Contact surface	Au (Gold)	Protection degree	IP67, when screwed in
Plugging cycles	500		

## Standards

Connector standard	IEC 61076-2-111
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## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	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	ECLASS 13.0	27-44-01-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

## Approvals

Approvals



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

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## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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# Drawings

## Dimensioned drawing

