

**SAI-04L-VP12-3A-M08L-AND****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

SAI – logic module These devices allow the combination of signals by means of an AND or an OR gate. This function leads to a reduction in the amount of wiring. The required inputs to the PLC can be reduced by up to 6 inputs. This process therefore saves the amount of wiring and material in the field.

**General ordering data**

Version	with M12 outlet, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: AND
Order No.	<a href="#">2512800000</a>
Type	SAI-04L-VP12-3A-M08L-AND
GTIN (EAN)	4050118527698
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	66 g
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## Temperatures

Operating temperature	-20 - 90°C
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## Connection data

Distributor outlet	with M12 outlet	Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm
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## Electrical data

Rated voltage, min.	15 V	Rated voltage, max.	30 V
Rated voltage	24 V	Rated current	500 mA
Max. current-carrying capacity per slot	500 mA	Total current	2 A

## General technical data

Logic function	and	Protection degree	IP67
Number of poles	3	Number of contact sockets	4
Connection thread	M8	Pollution severity	3
Fire behaviour	V-0	LED	Yes
LED initiator	Yes	LED colour for indicating operation	green
LED colour for I/O function	red		

## Material data

Housing main material	PBT	Housing colour	black (similar to RAL 9005)
Screw socket	Nickel-plated CuZn	Contact material	Nickel-plated CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

## Technical data cable

Number of poles	3	Suitable for cable carriers	No
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## 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	22cbd99b-5f46-4c36-9938-bd61e241a9ab

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# Technical data

## Approvals

Approvals



ROHS

Conform

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">20211208 Technical change to SAI M8 Line Distribution Boxes</a> <a href="#">20211208 Technische Änderung zu SAI M8 Line Verteiler</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

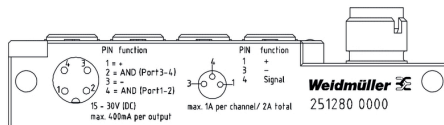
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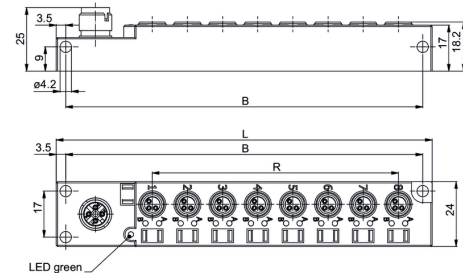
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## Drawings

## Detailed drawing

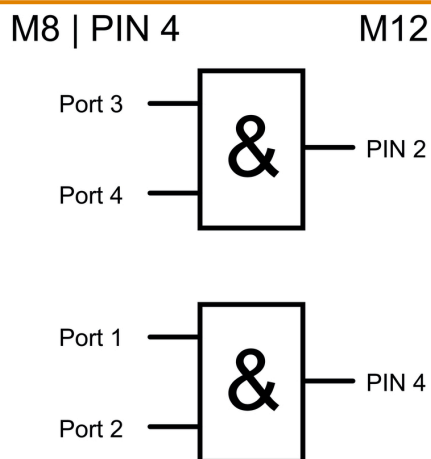


## Dimensioned drawing



Connection	Dimension L	Dimension R	B±0,1
8 times	139	7x13=91	132
4 times	87	3x13=39	80

## Wiring diagram



## Pole scheme

