Data sheet

SAI-04L-VP12-3A-M08L-AND

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

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.	2512800000
Type	SAI-04L-VP12-3A-M08L-AND
GTIN (EAN)	4050118527698
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	58.08 g

Temperatures

Operating temperature	-20 - 90°C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Connection data

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

Electrical data

Rated voltage, min.	15 V	Rated voltage, max.	30 V
Rated voltage	24 V	Nominal current	400 mA
Max. current-carrying capacity per slot	400 mA	Total current	2 A
Electrical isolation available	No		

General technical data

Protection degree	IP67	Logic function	and
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

Classifications

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

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Technical data

ECLASS 15.0	27-44-01-11

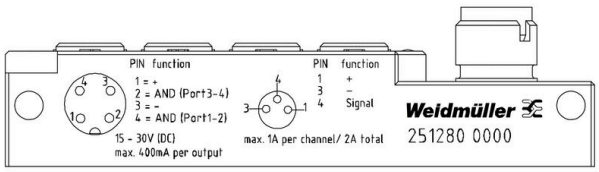
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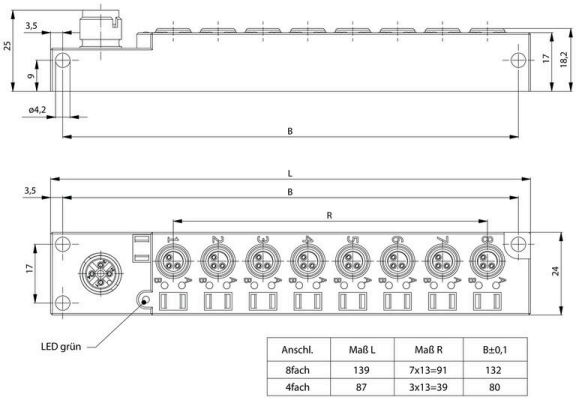
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Drawings

Detailed drawing

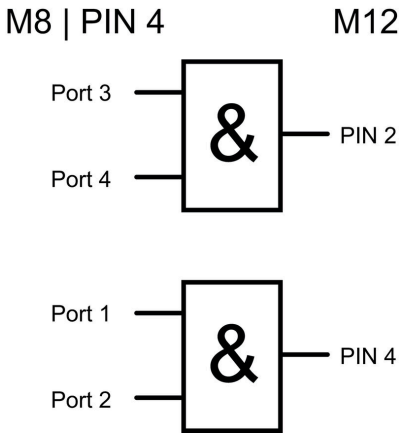


Dimensioned drawing



Anschl.	Maß L	Maß R	B±0,1
8fach	139	7x13=91	132
4fach	87	3x13=39	80

Wiring diagram



Pole scheme

