

SAI-8-S-3P-M8L-M12-2AND**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	Sensor-actuator passive distributor, M8, with M12 outlet, Yes
Order No.	2512820000
Type	SAI-8-S-3P-M8L-M12-2AND
GTIN (EAN)	4050118527919
Qty.	1 pc(s).

SAI-8-S-3P-M8L-M12-2AND**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Net weight	107.2 g
------------	---------

Temperatures

Operating temperature	-20 - 90°C
-----------------------	------------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Connection data

Distributor outlet	with M12 outlet
--------------------	-----------------

Electrical data

Rated voltage, min.	15 V	Rated voltage, max.	30 V
Rated voltage	24	Rated current	500 mA
Total current	2 A		

General technical data

Logic function	and	Protection degree	IP67
Number of poles	3	Number of contact sockets	8
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	yellow, green		

Material data

Housing main material	Pocan	Housing colour	grey
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
-----------------	---

Classifications

ETIM 6.0	EC002585	ETIM 7.0	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

Approvals

ROHS	Conform
------	---------

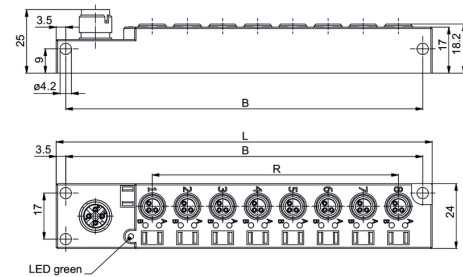
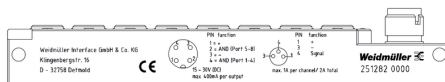
SAI-8-S-3P-M8L-M12-2AND

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

www.weidmueller.com

Drawings

Similar to illustration



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

Wiring diagram

