



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**General ordering data**

Order No.	1705930000
Part designation	SAI-6-M 4P M12
Version	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
EAN	4008190949792
Qty.	1 pc(s).

**Dimensions**

Length	127 mm
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**Technical data**

Ambient temperature, max.	90 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
Clamping range, max.	1.5 mm <sup>2</sup>
Clamping range, min.	0.08 mm <sup>2</sup>
Conductor O.D., max.	0 mm
Conductor O.D., min.	0 mm
Connection type PE	Screw connection
Contact carrier material	PBT UL 94 V0
Contact material	CuZn, pre-nickeled, gold-plated
Contact surface	tinned
Contact tube O-ring material	Viton
Contact tube diameter	M12
Current per signal	2 A
Hood sealing material	Viton
Housing colour	grey, RAL 7032
Housing material	Pocan
Insulation resistance	1 MΩ
LED colour for I/O function	yellow
LED colour for indicating operation	green
LED initiator	Yes
Number of contact sockets	6
Ordering data, title	SAI-4/6/8-M
Plugging cycles	< = 50
Pollution severity	3
Protection class	IP 68
Rated voltage	32 V DC
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	10 A
Wiring diagram	
max. current-carrying capacity per slot	3 A
max. voltage	30 V DC
min. voltage	10 V
No. of poles	4
Version	complete module

### Approvals

Approvals institutes



### Classifications

ETIM 2.0	NK
ETIM 3.0	EC001856
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

### Similar products

Order No.	Part designation	Version
1705921000	SAI-4 M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705920000	SAI-4-M 4P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1752080000	SAI-4/6/8-MH BLZF3.5	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705931000	SAI-6-M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705940000	SAI-8-M 4P M12	Sensor-actuator passive distributor, M12, Hood version, LED: Yes
1705941000	SAI-8-M 4P M12 UT	Sensor-actuator passive distributor, M12, Hood version, LED: Yes