



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.	1701253000
Part designation	SAI-8-MHD-5P M12
Version	Sensor-actuator passive distributor, M12, Hood version with M25 outlet, LED: Yes
EAN	4032248184521
Qty.	1 pc(s).

#### Dimensions

Length	152 mm
Height	55 mm
Width	60 mm

#### Technical data

Ambient temperature, max.	90 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
Cable gland	M 20
Clamping range, max.	1.5 mm <sup>2</sup>
Clamping range, min.	0.08 mm <sup>2</sup>
Conductor O.D., max.	14 mm
Conductor O.D., min.	10 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
Electrical isolation available	Yes
Hood sealing material	encased in PUR foam
Housing colour	silver
Housing material	CuZn, nickel-plated
Insulation resistance	1 MΩ
LED colour for I/O function	yellow
LED colour for indicating operation	green
LED initiator	Yes
Number of contact sockets	8
Ordering data, title	SAI-4/6/8-MHD
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	5

**Technical data**

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
1701233000	SAI-4-MHD-5P M12	Sensor-actuator passive distributor, M12, Hood version with M25 outlet, LED: Yes
1701243000	SAI-6-MHD-5P M12	Sensor-actuator passive distributor, M12, Hood version with M25 outlet, LED: Yes