



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.	9456650000
Part designation	SAI-6-F 5P PUR 20M
Version	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
EAN	4008190304645
Qty.	1 pc(s).

#### Dimensions

Length	127 mm
Height	25 mm

#### Technical data

Ambient temperature, max.	80 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
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	No
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-F
Plugging cycles	< = 50
Pollution severity	3
Protection class	IP 68
Rated voltage	32 V DC
Sheathing stripping length	100 mm
Suitable for cable carriers	Yes
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	9 A
Wiring diagram	
max. current-carrying capacity per slot	3 A
max. voltage	30 V DC
min. voltage	10 V
No. of poles	5
Version	complete module
Cable length	20 m

### 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
9456340000	SAI-4-F 5P PUR 10M	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
9456350000	SAI-4-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456370000	SAI-4-F 5P PUR 20M	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
9456320000	SAI-4-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456330000	SAI-4-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9456620000	SAI-6-F 5P PUR 10M	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
9456630000	SAI-6-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456600000	SAI-6-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456610000	SAI-6-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9456900000	SAI-8-F 5P PUR 10M	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
9456910000	SAI-8-F 5P PUR 15M	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes
9456930000	SAI-8-F 5P PUR 20M	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
9456880000	SAI-8-F 5P PUR 3M	Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes
9456890000	SAI-8-F 5P PUR 5M	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes
9457600000	SAI-8-F 5P 10M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes
1784510000	SAI-8-F 5P 15M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes

1784500000	SAI-8-F 5P 20M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes
7915030000	SAI-8-F 5P 2M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 2.00 m, LED: Yes
9457590000	SAI-8-F 5P 5M 0.5/1.0U	Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes