



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!



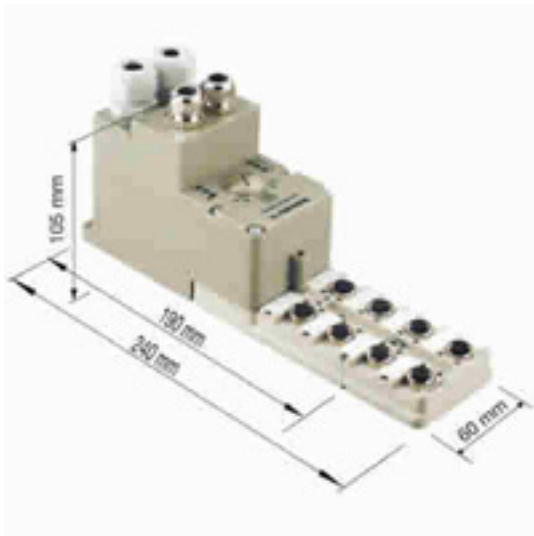
## Contact us

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#### General ordering data

Order No.	8516980176
Part designation	SAI HP DP 8DI
Version	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
EAN	4032248157679
Qty.	1 pc(s).

#### Technical data of bus system

Baud rate	automatic
Bus user	Slave
Diagnosis indication	red
Fieldbus interface	RS 485
Station addresses	Rotary switch 1-99
Transmission rate	Max. 12 Mbps

#### Dimensions

Height	105 mm
Width	60 mm

#### Technical data

Behaviour in fire	V-0
Bus line connection via <input type="checkbox"/>	M 12 plug
Bus system	Profibus
Connection type PE	Screw connection
Digital inputs	8
Electrical isolation available	Yes
Housing material	Pocan
Operating temperature, max.	55 °C
Operating temperature, min.	0 °C
Ordering data, title	SAI-HP DP
Pollution severity	3
Power line connection via <input type="checkbox"/>	M 23 plug
Protection class	IP 67 (IP 68)
Rated voltage	24 V DC (20.4...28.8 V)

#### Technical data

Storage temperature, max.	70 °C
Storage temperature, min.	-25 °C
Total current	2 x 8 A
Transmission rate	Max. 12 Mbps
Version	made to order

#### Technical data, snap-on modules

(Indication via) UL	LED green (UL)
Conductor cross-section, max.	2.5 mm <sup>2</sup> / AWG 12
Diameter of bus line, max.	9 mm
Diameter of bus line, min.	5.5 mm
Diameter of supply line, max.	12 mm
Diameter of supply line, min.	6 mm
Digital input type	TYPE 1 to EN 61131-2
E/A function indicator	LED red/green (Uq)
Input current at "0" min.	< 1.5 mA
Input current at "1"	> 2 mA
Insulation material of housing	PBT
Output level	Short-circuit-protected
Sensor voltage indicator	LED red/green (Ui)
Switching thresholds	9 V
max. current-carrying capacity per output signal	2 A (derating)

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC001430
ETIM 3.0	EC001599
eClass 4.1	27-25-04-03
eClass 5.0	27-25-04-03
eClass 5.1	27-25-04-03

#### Similar products

Order No.	Part designation	Version
8516980178	SAI HP DP 8DO	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
8516980179	SAI HP DP 8DI/4DO	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
8516980177	SAI HP DP 16DI	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
8516980208	SAI HP DP 8DI/8DO	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood