Data sheet

SAI-08D-VP3V-5A-M12L-PNP

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

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

Version	with M23 outlet, 19-pole, M12, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	1795470000
Type	SAI-08D-VP3V-5A-M12L-PNP
GTIN (EAN)	4032248233250
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E141197

Dimensions and weights

Height	152 mm	Height (inches)	5.9842 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	230 g		

Temperatures

Operating temperature	-20 - 90°C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	22cbd99b-5f46-4c36-9938-bd61e241a9ab

Connection data

Stripping length (sheathing)	100 mm	Distributor outlet	with M23 outlet, 19-pole

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Total current	10 A	Current per signal	2 A
Electrical isolation available	No	Insulation resistance	109 Ω

General technical data

Protection degree	IP68	Number of poles	5
Number of contact sockets	8	Connection thread	M12
Pollution severity	3	Fire behaviour	V-0
Plugging cycles	≤ 50	LED	Yes
LED initiator	Yes	LED colour for indicating operation	green
LED colour for I/O function	yellow		

Material data

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

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Technical data

Technical data cable

Number of poles	5	Suitable for cable carriers	No

Classifications

ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

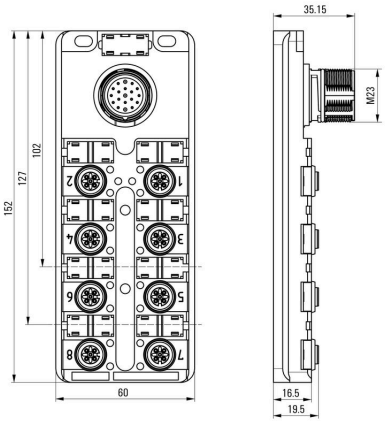
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Drawings

Dimensioned drawing



Wiring diagram

