Data sheet

SAI-8-M 5P M12 NPN ECO

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	Hood version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: NPN
Order No.	1892080005
Type	SAI-8-M 5P M12 NPN ECO
GTIN (EAN)	4032248623747
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

Net weight	216.48 g

Temperatures

Operating temperature	-

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Connection data

Conductor cross-section (rated connection), min.	0.08 mm²	Conductor cross-section (rated connection), max.	1.5 mm²
Distributor outlet	Hood version		

Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Test voltage	1 kV	Max. current-carrying capacity per slot	4 A
Electrical isolation available	Yes	Insulation resistance	109 Ω

General technical data

Plug-in station coding	A-coded	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
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

Technical data cable

Number of poles	5	Suitable for cable carriers	No

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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		

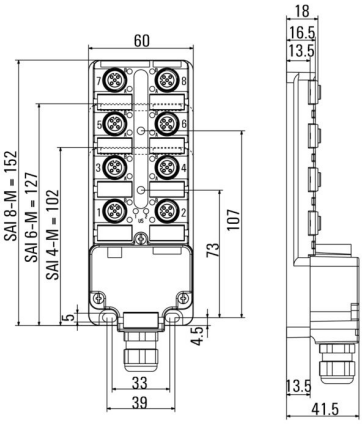
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Drawings

Dimensioned drawing



Wiring diagram

