

**SAI-4-M 5P M12 PI****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

**Product image**

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 distributor, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	<a href="#">1854000000</a>
Type	SAI-4-M 5P M12 PI
GTIN (EAN)	4032248389865
Qty.	1 items

## SAI-4-M 5P M12 PI

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Depth	152 mm	Depth (inches)	5.9842 inch
Height	41.5 mm	Height (inches)	1.6339 inch
Width	60 mm	Width (inches)	2.3622 inch
Net weight	177.76 g		

## Temperatures

Operating temperature	-20 - 90°C
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## Environmental Product Compliance

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

## Connection data

Wire connection method	PUSH IN	Conductor O.D., min.	6 mm
Conductor O.D., max.	12 mm	Clamping range, min.	0.14 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section AWG, max.	AWG 16	Solid, min. H05(07) V-U	0.14 mm <sup>2</sup>
Solid, max. H05(07) V-U	1.5 mm <sup>2</sup>	Flexible, min. H05(07) V-K	0.14 mm <sup>2</sup>
Flexible, max. H05(07) V-K	1.5 mm <sup>2</sup>	w. plastic collar ferrule, DIN 46228 pt 4, 0.28 mm <sup>2</sup> min.	
w. plastic collar ferrule, DIN 46228 pt 4, 1 mm <sup>2</sup> max.		w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm <sup>2</sup>
w. wire end ferrule, DIN 46228 pt 1, 1 mm <sup>2</sup> max.		Distributor outlet	Hood distributor

## Electrical data

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

## General technical data

Protection degree	IP68	Plug-in station coding	A-coded
Number of poles	5	Number of contact sockets	4
Connection thread	M12	LED	Yes
LED initiator	Yes	LED colour for indicating operation	green
LED colour for I/O function	yellow		

## Material data

Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated		

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**Technical data****Technical data cable**

Number of poles	5	Conductor O.D., max.	12 mm
Conductor O.D., min.	6 mm	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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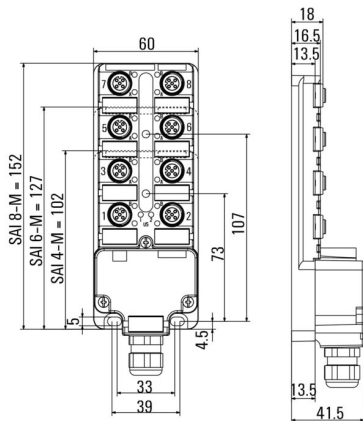
Drawings

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Similar to illustration



Dimensioned drawing



Wiring diagram

