

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

Clamping range, min. 0.08 mm² Clamping range, 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

Classifications

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

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Technical data

ECLASS 15.0

27-44-01-11

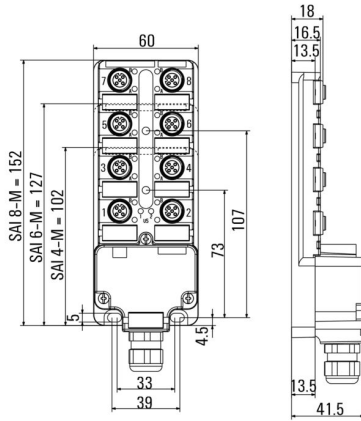
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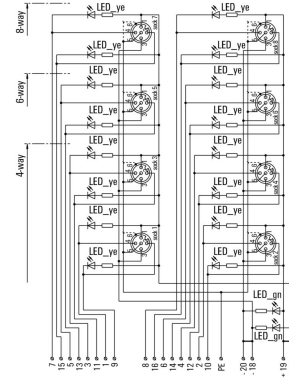
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Drawings

Dimensioned drawing



Wiring diagram



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Accessories

M12



Protective caps protect unassigned plug-in stations against external influences.

General ordering data

Type	SAI-SK-M12	Version	
Order No.	9456050000	Protected component assemblies, Protective cap	
GTIN (EAN)	4008190304058		
Qty.	30 ST		

Screwty® cable gland tool with torque function



The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	SCREWTY SET -DM	Version	
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors	
GTIN (EAN)	4032248436859		
Qty.	1 ST		

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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	ESG 9/20 MC NE WS	Version	
Order No.	1609940000	ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable	
GTIN (EAN)	4008190203528		
Qty.	200 ST		