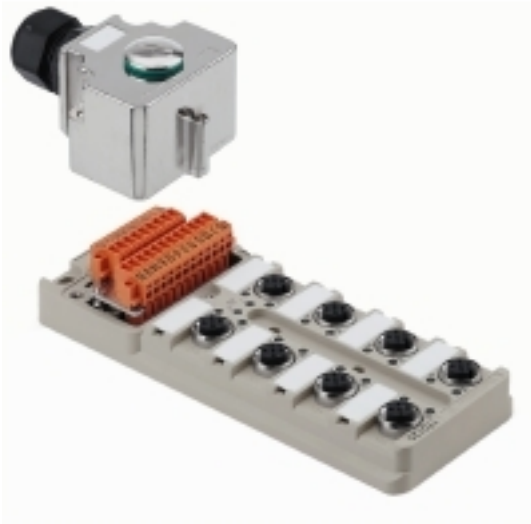


SAI-8-MH-5P M12 PI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Cable gland: M25 for cables with an outer insulation diameter from 13 mm to 18 mm. The SAI distributor with M25 cable gland is suitable among others for the following cable types:

- 21 x 0.50 mm
- 18 x 0.75 mm bis 21 x 0.75 mm
- 14 x 100 mm bis 20 x 100 mm
- 8 x 1.50 mm bis 16 x 1.50 mm

General ordering data

Version	Hood version with M20 outlet, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	1782760000
Type	SAI-8-MH-5P M12 PI
GTIN (EAN)	4032248179510
Qty.	1 pc(s).

SAI-8-MH-5P M12 PI

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	152 mm	Depth (inches)	5.984 inch
Height	55 mm	Height (inches)	2.165 inch
Width	60 mm	Width (inches)	2.362 inch
Net weight	575 g		

Temperatures

Operating temperature	-20 - 90°C
-----------------------	------------

Connection data

Wire connection method	PUSH IN	Conductor O.D., min.	10 mm
Conductor O.D., max.	14 mm	Cable glands	M 20
Clamping range, min.	0.08 mm ²	Clamping range, max.	1.5 mm ²
Storage space	gross	Distributor outlet	Hood version with M20 outlet

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	Yes	Insulation strength	10 ⁹ Ω

General technical data

Plug-in station coding	A-coded	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 (base module), Zinc diecast (hood)	Material of distributor	metal
Housing colour	silver	Hood sealing material	Polyurethane foamed
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

Technical data cable

Conductor O.D., max.	14 mm	Conductor O.D., min.	10 mm
Number of poles	5	Suitable for cable carriers	No

Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-11	ECLASS 11.0	27-44-01-11
ECLASS 12.0	27-44-01-11	ECLASS 13.0	27-44-01-11

SAI-8-MH-5P M12 PI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Environmental Product Compliance**

REACH SVHC

/

Approvals

ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[Technische Änderung für passiven M12 Verteiler mit Zugfederanschluss](#)[Technical change to passive M12 distribution boxes with tension clamp connection](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)[FL FIELDWIRING EN](#)

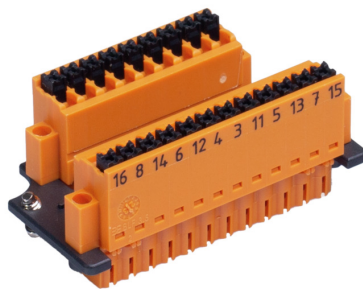
SAI-8-MH-5P M12 PI

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

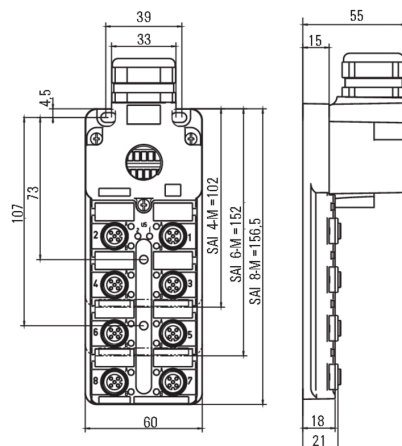
www.weidmueller.com

Drawings

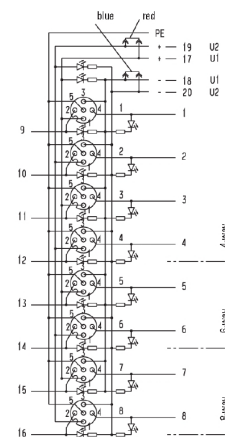
Similar to illustration



Dimensioned drawing



Wiring diagram



SAI-8-MH-5P M12 PI

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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	Packaging
Order No.	1920000000	Cable gland tool for M8, M12 lines and connectors	Cardboard
GTIN (EAN)	4032248436859		box
Qty.	1 pc(s).		

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 8/20 K MC NE WS	Version
Order No.	2558360000	ESG, Device markers x 20 mm, PA 66, Colour: white
GTIN (EAN)	4050118569070	
Qty.	200 pc(s).	

SAI-8-MH-5P M12 PI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 pc(s).	