

SAI-06D-VP3V-4A-P12L-PNP**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Whereas the standard M12 system requires the sleeves to be laboriously screwed on and that operation is hindered by the vibration guard, M12 Push-Pull works with one click, just like those well-known garden hose systems. The audible locking function guarantees a safe and reliable connection as well as a good seal. The new SAI M12 Push-Pull distributors can be used with M12 plug-in connectors but also with the new M12 Push-Pull plug-in connectors.

General ordering data

Version	with M23 outlet, 12-pole, M12, M23, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	3023690000
Type	SAI-06D-VP3V-4A-P12L-PNP
GTIN (EAN)	4099986944695
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	35.2 mm	Height (inches)	1.386 inch
Width	56 mm	Width (inches)	2.205 inch
Length	134 mm	Length (inches)	5.276 inch
Net weight	250 g		

Temperatures

Operating temperature	-25 - 80°C
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Connection data

Distributor outlet	with M23 outlet, 12-pole	Tightening torque	M12: 0.4 Nm, M23: 2.5 Nm
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Standards

Connector standard	IEC 61076-2-010
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Electrical data

Rated voltage, min.	10 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	4 A	Total current	10 A
Current per signal	2 A	Electrical isolation available	No

General technical data

Plug-in station coding	A-coded	Protection degree	IP67, when screwed in
Number of poles	4	Number of contact sockets	6
Connection thread	M12, M23	Fire behaviour	V-0
LED	Yes	LED initiator	Yes
LED colour for indicating operation	green	LED colour for I/O function	yellow

Material data

Material O-Ring	FKM, NBR	Housing main material	PBT
Material of distributor	Plastic	Housing colour	black
Contact material	CuZn, CuSn	Contact surface	Gold-plated
Contact carrier material	PA		

Technical data cable

Number of poles	4	Suitable for cable carriers	No
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Classifications

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	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	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

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Technical data

Approvals

Approvals



ROHS

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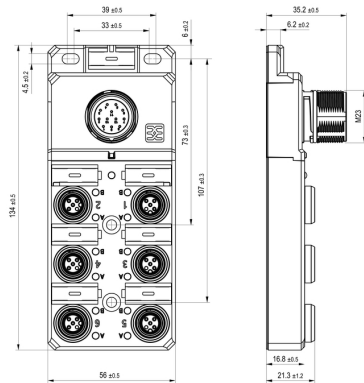
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Drawings

Dimensioned drawing



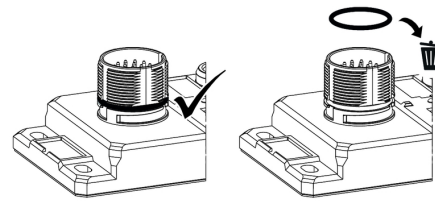
Detailed drawing

M23-Schraubanschluss:
 Mit O-Ring verwenden

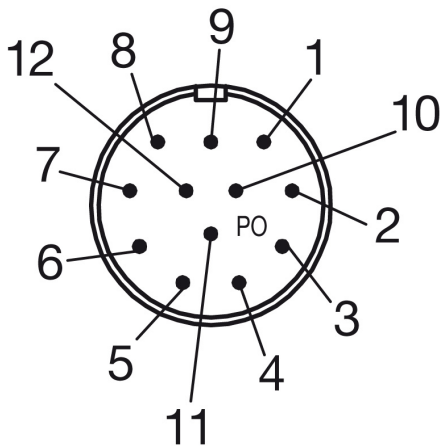
M23 Screw connection:
 Use with O-ring

M23-Schnellanschluss:
 O-Ring entfernen

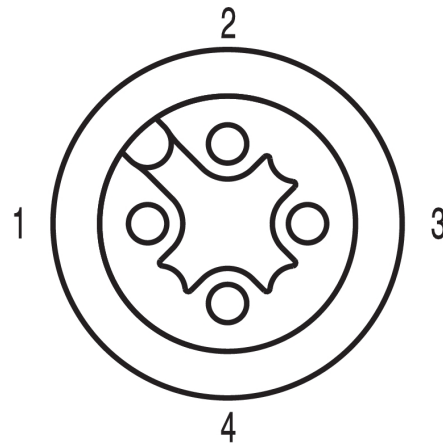
M23 Quick connection:
 Remove O-ring



Pole scheme



Pole scheme



Wiring diagram

