

SAI-06D-VP3V-5A-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, 19-pole, M12, M23, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP
Order No.	3023720000
Type	SAI-06D-VP3V-5A-P12L-PNP
GTIN (EAN)	4099986944725
Qty.	1 pc(s).

SAI-06D-VP3V-5A-P12L-PNP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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
-----------------------	------------

Connection data

Distributor outlet	with M23 outlet, 19-pole	Tightening torque	M12: 0.4 Nm, M23: 2.5 Nm
--------------------	--------------------------	-------------------	--------------------------

Standards

Connector standard	IEC 61076-2-010
--------------------	-----------------

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
Insulation strength	10 ⁹ Ω		

General technical data

Plug-in station coding	A-coded	Protection degree	IP67, when screwed in
Number of poles	5	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	5	Suitable for cable carriers	No
-----------------	---	-----------------------------	----

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		

SAI-06D-VP3V-5A-P12L-PNP

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

Downloads

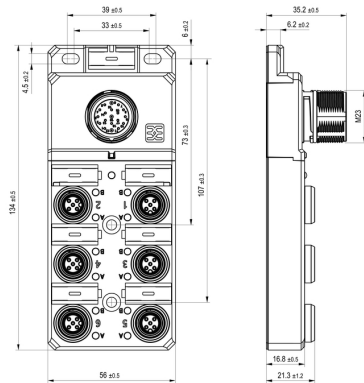
Catalogues

[Catalogues in PDF-format](#)

SAI-06D-VP3V-5A-P12L-PNP

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

www.weidmueller.com

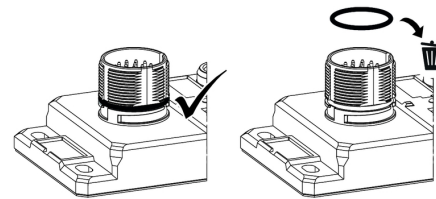
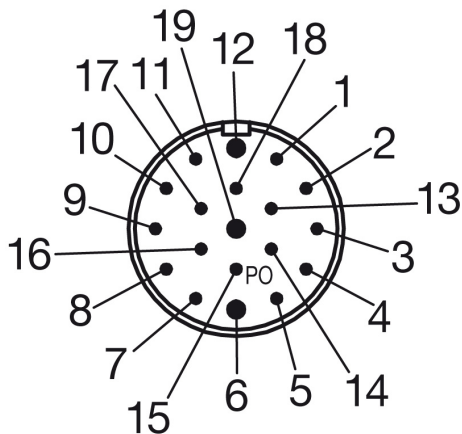
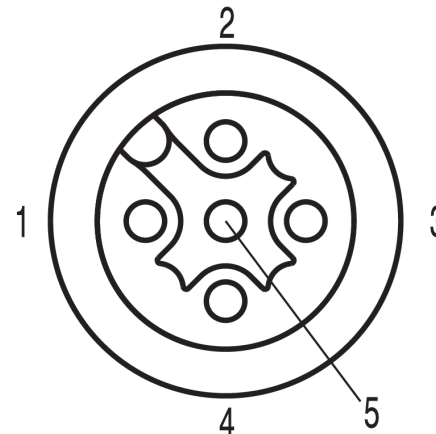
Drawings
Dimensioned drawing

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
