

SAIS 5/9-VA**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

General ordering data

Version	Field attachable connector, M12, pin, straight
Order No.	1920700000
Type	SAIS 5/9-VA
GTIN (EAN)	4032248561421
Qty.	1 pc(s).

SAIS 5/9-VA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	44 g
------------	------

Technical data customisable plug-in connectors

Cable diameter	6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	A-coded
Conductor cross-section, max.	0.5 mm ²	Conductor cross-section, min.	0.25 mm ²
Connection cross-section, max.	0.5 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	Gold-plated	Housing main material	1.4404/316L
Insulation strength	10 ⁸ Ω	Number of poles	5
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP69K	Rated current	4 A
Rated voltage	60 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Stainless steel, rust-proof
Type of connection	Tension-clamp connection		

General Info

Number of poles	5	Connection 1	M12
Connection 2	Tension-clamp	Description of article	SAIS / SAIB VA
Housing main material	1.4404/316L	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP69K
Plugging cycles	≥ 100		

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3

Approvals

Approvals



ROHS	Conform
------	---------

Downloads

Engineering Data	CAD data – STEP
User Documentation	Manual
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

Creation date May 21, 2024 1:23:06 AM CEST

Catalogue status 04.05.2024 / We reserve the right to make technical changes.

SAIS 5/9-VA

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

www.weidmueller.com

Drawings

Pole scheme

