

SAISM 5/8S M12 5P B-COD

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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.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Version	Field attachable connector, M12, pin, straight
Order No.	1784790000
Type	SAISM 5/8S M12 5P B-COD
GTIN (EAN)	4032248191871
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Net weight 46 g

Temperatures

Operating temperature, min. -40 °C

Operating temperature, max. 85 °C

Technical data customisable plug-in connectors

Cable diameter 6...8 mm (PG9)

Cable diameter, max. 8 mm

Cable diameter, min. 6 mm

Coding B

 Conductor cross-section, max. 0.75 mm²

 Conductor cross-section, min. 0.14 mm²

 Connection cross-section, max. 0.75 mm²

 Connection cross-section, min. 0.14 mm²

Contact surface Gold-plated

Housing main material CuZn

 Insulation strength 10⁸ Ω

Number of poles 5

Plugging cycles ≥ 100

Pollution severity 3

Protection degree IP67

Rated current 4 A

Rated voltage 60 V

Rated voltage 60 V

Shield connection Yes

Temperature range of housing -40 ... +85 °C

Threaded ring material Diecast zinc

Type of connection Screw connection

General Info

Number of poles 5

Connection 1 M12

Connection 2 Screw

Description of article SAISM / SAIBM

Housing main material CuZn

Connection thread M12

Contact surface Gold-plated

Protection degree IP67

Plugging cycles ≥ 100

Standards

Connector standard IEC 61076-2-101

Classifications

ETIM 6.0 EC002635

ETIM 7.0 EC002635

ETIM 8.0 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

Environmental Product Compliance

REACH SVHC Lead 7439-92-1 Imidazolidine-2-thione 96-45-7

SCIP bcee35cf-c0f5-43d2-8daf-65ab0d08641a

Approvals

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E307231

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info@weidmueller.com**Technical data**www.weidmueller.com**Downloads**

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

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Drawings

Pole scheme

