

SAIB-8/9

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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.

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

| | |
|------------|---|
| Type | SAIB-8/9 |
| Order No. | 1836960000 |
| Version | Sockets prefabricated to customer spec., M12, Female socket, straight |
| GTIN (EAN) | 4032248345212 |
| Qty. | 1 pc(s). |

Creation date August 16, 2020 4:56:54 AM CEST

Catalogue status 24.07.2020 / We reserve the right to make technical changes.

SAIB-8/9

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 27 g |
|------------|------|

Temperatures

| | | | |
|-----------------------------------|-------|-----------------------------------|--------|
| Operating temperature range, max. | 85 °C | Operating temperature range, min. | -25 °C |
| Operating temperature, max. | 85 °C | Operating temperature, min. | -40 °C |

Environmental Product Compliance

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

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|---------------------|--------------------------------|----------------------|
| Cable diameter, max. | 8 mm | Cable diameter, min. | 6 mm |
| Cable glands | PG 9 | Coding | A |
| Conductor cross-section, max. | 0.5 mm ² | Conductor cross-section, min. | 0.14 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 | PA |
| Insulation strength | 10 ⁸ Ω | Number of poles | 8 |
| Plugging cycles | ≥ 50 | Pollution severity | 3 |
| Protection degree | IP67 | Rated current | 2 A |
| Rated voltage | 60 V | Shield connection | No |
| Temperature range of housing | -40 ... +85 °C | Threaded ring material | Diecast zinc |
| Type of connection | Screw connection | | |

Standards

| | | | |
|--------------------|-----------------|-------------------------|---------|
| Connector standard | IEC 61076-2-101 | Certificate No. (cURus) | E307231 |
|--------------------|-----------------|-------------------------|---------|

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC002635 | ETIM 7.0 | EC002635 |
| eClass 9.0 | 27-44-01-02 | eClass 9.1 | 27-44-01-03 |
| eClass 10.0 | 27-44-01-02 | UNSPSC | 30-21-18-10 |

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | Manual |

Data sheet

SAIB-8/9

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings

Pole scheme

