Data sheet

# SAIBGI-M-5L-5.8/13.5-M12

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

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

## General ordering data

| | |
|---|---|
| Version | Field attachable connector, M12 socket |
| Order No. | 2530760000 |
| Type | SAIBGI-M-5L-5.8/13.5-M12 |
| GTIN (EAN) | 4050118540581 |
| Qty. | 1 items |

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# Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E307231 |

### Dimensions and weights

| | | | |
|---|---|---|---|
| Diameter | 24.5 mm | Net weight | 49 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

### Technical data customisable plug-in connectors

| | | | |
|---|---|---|---|
| Number of poles | 5 | Coding | L-coded |
| Contact surface | Au (Gold) | LED | No |
| Type of connection | Insulation displacement connection (IDC) | Housing main material | Zinc diecast |
| Cable diameter, max. | 13.5 mm | Cable diameter, min. | 5.8 mm |
| Contact material | Cu | Conductor cross-section, max. | 1.5 mm² |
| Conductor cross-section, min. | 0.75 mm² | Nominal voltage | 63 V |
| Nominal current | 12 A | Protection degree | IP67, when screwed in |
| Plugging cycles | 500 | Pollution severity | 3 |
| Rated current | 12 A | Gender of contact | Female |
| Shield connection | Yes | Threaded ring material | Diecast zinc |
| Temperature range of housing | -40 … +85 ° C | | |

### General Info

| | | | |
|---|---|---|---|
| Number of poles | 5 | Connection 1 | M12 |
| Connection 2 | IDC | Housing main material | Zinc diecast |
| Connection thread | M12 socket | Contact material | Cu |
| Contact surface | Au (Gold) | Wire connection cross section, finely stranded, min. | 0.75 mm² |
| Wire connection cross-section, finely stranded, max. | 1.5 mm² | Protection degree | IP67, when screwed in |
| Plugging cycles | 500 | | |

### Standards

| | | | |
|---|---|---|---|
| Connector standard | IEC 61076-2-111 | Fire safety for railway vehicles | DIN EN 45545-2 |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002635 | ETIM 9.0 | EC002635 |
| ETIM 10.0 | EC002635 | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 | | |

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## Drawings

### Dimensioned drawing

