

**SAI Passive  
SAI-8-M 5P M12**

**Weidmüller Interface GmbH & Co. KG**  
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M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

**General ordering data**

|            |  |
|------------|--|
| Type       | SAI-8-M 5P M12   |
| Order No.  | <a href="#">1701250000</a>   |
| Version    | SAI Passive, Sensor-actuator passive distributor, M12, Hood version, Yes |
| GTIN (EAN) | 4008190949761  |
| Qty.       | 1 pc(s).   |

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## Technische Daten

### Dimensions and weights

|        |        |            |       |
|--------|--------|------------|-------|
| Length | 152 mm | Net weight | 278 g |
|--------|--------|------------|-------|

### General data

|  |                     |   |                      |
|--|---------------------|---|----------------------|
| Connection type PE                     | Screw connection    | Number of contact sockets               | 8                    |
| Fire behaviour                         | V-0                 | Contact tube diameter                   | M12                  |
| No. of poles                           | 8                   | Storage space                           | Standard             |
| Plugging cycles                        | ≤ 50                | Pollution severity                      | 3                    |
| Cable gland                            | M 20                | Distributor outlet                      | Hood version         |
| Insulation resistance                  | 10 <sup>9</sup> Ω   | Rated voltage , max.                    | 30 V                 |
| Rated voltage , min.                   | 10 V                | Electrical isolation available          | Yes                  |
| Test voltage                           | 1 kV                | Current per signal                      | 2 A                  |
| Total current                          | 10 A                | Max. current-carrying capacity per slot | 4 A                  |
| Housing main material                  | Pocan               | Housing colour                          | grey, RAL 7032       |
| Screw socket                           | CuZn, nickel-plated | Hood sealing material                   | Viton                |
| Contact material                       | CuZn                | Contact surface                         | Gold-plated          |
| Contact carrier material               | PBT (UL 94 V0)      | Sheathing stripping length              | 100 mm               |
| Clamping range, rated connection, max. | 1.5 mm <sup>2</sup> | Clamping range, rated connection, min.  | 0.08 mm <sup>2</sup> |
| Conductor O.D.                         | 6 - 12mm            | Conductor O.D., max.                    | 12 mm                |
| Conductor O.D., min.                   | 6 mm                | LED initiator                           | Yes                  |
| LED                                    | Yes                 | LED colour for indicating operation     | green                |
| LED colour for I/O function            | yellow              |   |                      |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 3.0   | EC001856    | UNSPSC     | 30-21-18-01 |
| eClass 6.2 | 27-06-91-90 | eClass 7.1 | 27-06-91-90 |

### Approvals

Approvals



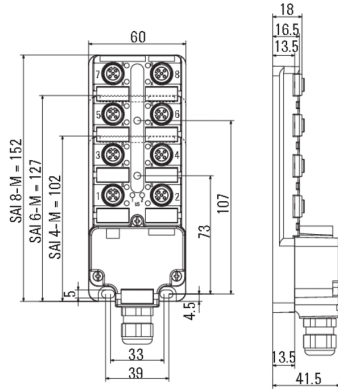
ROHS Conform

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**Zeichnungen**

**Dimensioned drawing**



**Circuit diagram**

