

**General ordering data**

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Order No.        | 1701230000                                                       |
| Part designation | SAI-4-M 5P M12                                                   |
| Version          | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| EAN              | 4008190949730                                                    |
| Qty.             | 1 pc(s).                                                         |

**Dimensions**

|        |        |
|--------|--------|
| Length | 102 mm |
|--------|--------|

**Technical data**

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Ambient temperature, max.               | 90 °C                           |
| Ambient temperature, min.               | -20 °C                          |
| Behaviour in fire                       | V-0                             |
| Bus system                              | without                         |
| Cable gland                             | M 20                            |
| Clamping range, max.                    | 1.5 mm <sup>2</sup>             |
| Clamping range, min.                    | 0.08 mm <sup>2</sup>            |
| Conductor O.D., max.                    | 12 mm                           |
| Conductor O.D., min.                    | 6 mm                            |
| Connection type PE                      | Screw connection                |
| Contact carrier material                | PBT UL 94 V0                    |
| Contact material                        | CuZn, pre-nickeled, gold-plated |
| Contact surface                         | tinned                          |
| Contact tube O-ring material            | Viton                           |
| Contact tube diameter                   | M12                             |
| Current per signal                      | 2 A                             |
| Electrical isolation available          | Yes                             |
| Hood sealing material                   | Viton                           |
| Housing colour                          | grey, RAL 7032                  |
| Housing material                        | Pocan                           |
| Insulation resistance                   | 1 MΩ                            |
| LED colour for I/O function             | yellow                          |
| LED colour for indicating operation     | green                           |
| LED initiator                           | Yes                             |
| Number of contact sockets               | 4                               |
| Ordering data, title                    | SAI-4/6/8-M                     |
| Plugging cycles                         | < = 50                          |
| Pollution severity                      | 3                               |
| Protection class                        | IP 68                           |
| Rated voltage                           | 32 V DC                         |
| Sheathing stripping length              | 100 mm                          |
| Smallest strand diameter                | 0 mm                            |
| Test voltage                            | 1 kVeff                         |
| Threaded sockets                        | CuZn, nickel-plated             |
| Total current                           | 10 A                            |
| Wiring diagram                          |                                 |
| max. current-carrying capacity per slot | 3 A                             |
| max. voltage                            | 30 V DC                         |
| min. voltage                            | 10 V                            |
| No. of poles                            | 5                               |

#### Technical data

Version complete module

#### Approvals

Approvals institutes



#### Classifications

|            |          |
|------------|----------|
| ETIM 2.0   | NK       |
| ETIM 3.0   | EC001856 |
| eClass 4.1 | NK       |
| eClass 5.0 | NK       |
| eClass 5.1 | NK       |

#### Similar products

| Order No.  | Part designation        | Version                                                          |
|------------|-------------------------|------------------------------------------------------------------|
| 1800000000 | SAI-4-M 5P M12 OL       | Sensor-actuator passive distributor, M12, Hood version, LED: No  |
| 1701231000 | SAI-4-M 5P M12 UT       | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1782680000 | SAI-4/6/8-MH 5P PUR 10M | Sensor-actuator passive distributor, M12, Hood version, LED: No  |
| 1752080050 | SAI-4/6/8-MH BLZF3.5 SV | Sensor-actuator passive distributor, M12, Hood version           |
| 1701240000 | SAI-6-M 5P M12          | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1701241000 | SAI-6-M 5P M12 UT       | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1701250000 | SAI-8-M 5P M12          | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1781060000 | SAI-8-M 5P M12 NPN      | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1740190000 | SAI-8-M 5P M12 OL       | Sensor-actuator passive distributor, M12, Hood version, LED: No  |
| 1740191000 | SAI-8-M 5P M12 OL UT    | Sensor-actuator passive distributor, M12, Hood version, LED: No  |
| 1816610000 | SAI-8-M 5P M12 OL2      | Sensor-actuator passive distributor, M12, Hood version, LED: No  |
| 1701251000 | SAI-8-M 5P M12 UT       | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |
| 1767880000 | SAI-8-M 5P M12 ZF III   | Sensor-actuator passive distributor, M12, Hood version, LED: Yes |