

#### General ordering data

|                  |                                                                                  |
|------------------|----------------------------------------------------------------------------------|
| Order No.        | 9456480000                                                                       |
| Part designation | SAI-6-F 4P PUR 10M                                                               |
| Version          | Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes |
| EAN              | 4008190304478                                                                    |
| Qty.             | 1 pc(s).                                                                         |

#### Dimensions

|        |        |
|--------|--------|
| Length | 127 mm |
| Height | 25 mm  |

#### Technical data

|                                         |                                 |
|-----------------------------------------|---------------------------------|
| Ambient temperature, max.               | 80 °C                           |
| Ambient temperature, min.               | -20 °C                          |
| Behaviour in fire                       | V-0                             |
| Bus system                              | without                         |
| 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          | No                              |
| 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               | 6                               |
| Ordering data, title                    | SAI-4/6/8-F                     |
| Plugging cycles                         | < = 50                          |
| Pollution severity                      | 3                               |
| Protection class                        | IP 68                           |
| Rated voltage                           | 32 V DC                         |
| Sheathing stripping length              | 100 mm                          |
| Suitable for cable carriers             | Yes                             |
| Test voltage                            | 1 kVeff                         |
| Threaded sockets                        | CuZn, nickel-plated             |
| Total current                           | 9 A                             |
| Wiring diagram                          |                                 |
| max. current-carrying capacity per slot | 3 A                             |
| max. voltage                            | 30 V DC                         |
| min. voltage                            | 10 V                            |
| No. of poles                            | 4                               |
| Version                                 | complete module                 |
| Cable length                            | 10 m                            |

## 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                                                                          |
|------------|--------------------|----------------------------------------------------------------------------------|
| 9456200000 | SAI-4-F 4P PUR 10M | Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes |
| 9456210000 | SAI-4-F 4P PUR 15M | Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes |
| 9456230000 | SAI-4-F 4P PUR 20M | Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes |
| 9456180000 | SAI-4-F 4P PUR 3M  | Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes  |
| 9456190000 | SAI-4-F 4P PUR 5M  | Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes  |
| 9456490000 | SAI-6-F 4P PUR 15M | Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes |
| 9456510000 | SAI-6-F 4P PUR 20M | Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes |
| 9456460000 | SAI-6-F 4P PUR 3M  | Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes  |
| 9456470000 | SAI-6-F 4P PUR 5M  | Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes  |
| 9456760000 | SAI-8-F 4P PUR 10M | Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 m, LED: Yes |
| 9456770000 | SAI-8-F 4P PUR 15M | Sensor-actuator passive distributor, M12, Fixed cable version, 15.00 m, LED: Yes |
| 9456790000 | SAI-8-F 4P PUR 20M | Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes |
| 9456740000 | SAI-8-F 4P PUR 3M  | Sensor-actuator passive distributor, M12, Fixed cable version, 3.00 m, LED: Yes  |
| 9456750000 | SAI-8-F 4P PUR 5M  | Sensor-actuator passive distributor, M12, Fixed cable version, 5.00 m, LED: Yes  |