| General ordering data | |
|---|---|
| Order No. | 9456230000 |
| Part designation | SAI-4-F 4P PUR 20M |
| Version | Sensor-actuator passive distributor, M12, Fixed cable version, 20.00 m, LED: Yes |
| EAN | 4008190304225 |
| Qty. | 1 pc(s). |

| Dimensions | |
|---|---|
| Length | 102 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 | 4 |
| 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 | 20 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 |
| 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 |
| 9456480000 | SAI-6-F 4P PUR 10M | Sensor-actuator passive distributor, M12, Fixed cable version, 10.00 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 |