# SAC-5P-M12FS PB TR - Termination resistor

1403911

https://www.phoenixcontact.com/us/products/1403911

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PROFIBUS M12 termination resistor, female connector version

## Commercial data

| | |
|---|---|
| Item number | 1403911 |
| Packing unit | 5 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF10 |
| Product key | AF1GVX |
| GTIN | 4046356694704 |
| Weight per piece (including packing) | 12.36 g |
| Weight per piece (excluding packing) | 12.36 g |
| Customs tariff number | 85332100 |
| Country of origin | DE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Terminal resistor |
| Number of positions | 4 |
| Coding | B |

### Insulation characteristics

| | |
|---|---|
| Overvoltage category | II |
| Degree of pollution | 3 |

## Electrical properties

| | |
|---|---|
| Insulation resistance | ≥ 100 MΩ |
| Nominal voltage $U_N$ | 48 V AC |
| | 60 V DC |
| | 2 $V_{rms}$ |
| Nominal current $I_N$ | 4 A |

### General

| | |
|---|---|
| Termination resistor | 120 Ω ±1 % |

## Signaling

| | |
|---|---|
| Status display | no |
| Status display present | no |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | HB |
| Seal material | NBR |
| Material of grip body | TPU, hardly inflammable, self-extinguishing |
| Contact material | CuZn |
| Contact surface material | Ni/Au |
| Contact carrier material | TPU GF |
| Material for screw connection | Zinc die-cast, nickel-plated |

## Connector

### Connection 1

| | |
|---|---|
| Type | Socket straight M12 |
| Number of positions | 4 |
| Coding type | B |

## Mechanical properties

### Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 100 |

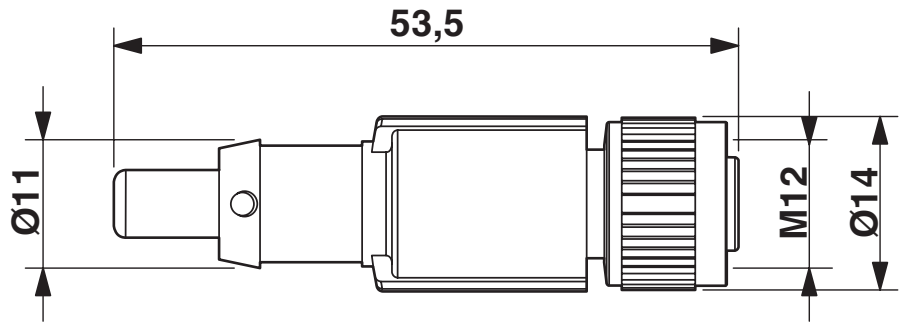
## Environmental and real-life conditions

### Ambient conditions

| | |
|---|---|
| Degree of protection | IP65 |
| | IP67 |
| Ambient temperature (operation) (male connector/female connector) | -25 °C ... 90 °C (Plug) |

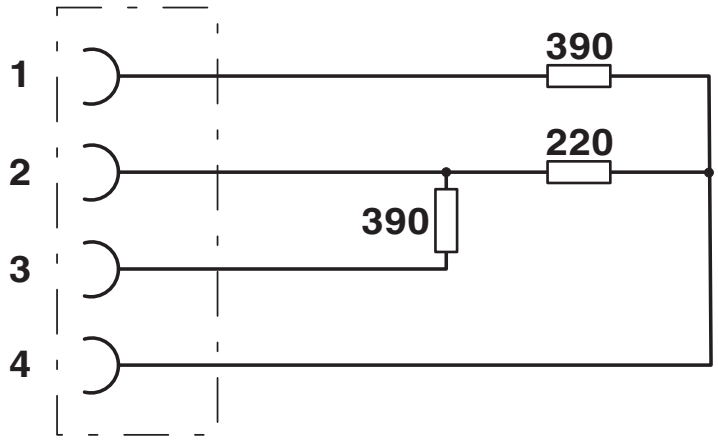
## Drawings

Dimensional drawing




M12 x 1 socket, straight

Circuit diagram




M12 termination resistor

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 19070403 |
| ECLASS-15.0 | 19070403 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000448 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 32121600 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 0.539 kg CO2e |


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