**Product data sheet**

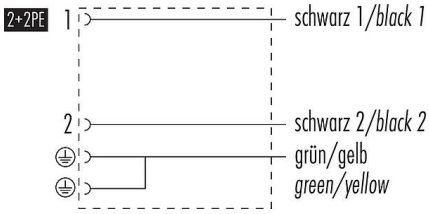
# Automation technology - Solenoid valve connectors

| | |
|---|---|
| Product description | **Female solenoid valve connector, Contacts: 2+2PE, unshielded, moulded on the cable, IP67, PUR, black, 3 m** |
| Area | **Size A** |
| Series | **210** |
| Part no. | **31 5234 300 000** |

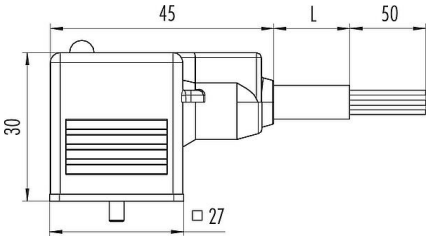
## Illustration (may vary)



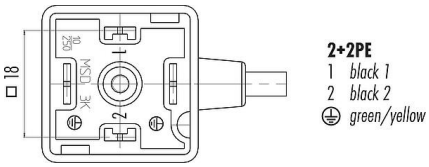
## Pin assignment plans




## Scale drawing




## Contact arrangement (Plug-in side)




## Cable length tolerance

| cable length | tolerance |
|---|---|
| ≥ 0,10 m | + 0,03 m |
| ≥ 0,20 m | + 0,04 m |
| ≥ 0,50 m | + 0,07 m |
| ≥ 1,00 m | + 0,10 m |
| ≥ 2,00 m | + 0,15 m |
| ≥ 5,00 m | + 0,20 m |
| ≥ 10,0 m | + 0,25 m |
| ≥ 20,0 m | + 0,35 m |

## Technical data

### General features

| | |
|---|---|
| Part no. | 31 5234 300 000<br>Alternative part no.: 31 1313 300 000 |
| Notice | Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right. |
| Connector design | Female solenoid valve connector |
| Type standard | DIN EN 175301-803 |
| Cable length | 3 m (Other lengths are available on request.) |

**Product data sheet**

# Automation technology - Solenoid valve connectors

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| Area | **Size A** |
| Series | **210** |
| Part no. | **31 5234 300 000** |

| | |
|---|---|
| Version | Solenoid valve connectors |
| Connector locking system | Central bolt |
| Termination | moulded on the cable |
| Degree of protection | IP67 |
| Connection cross-section | 0.75 mm² / AWG 18 |
| Temperature range from/to | -25 °C / 80 °C |
| Mechanical operation | > 50 Mating cycles |
| Weight (g) | 200 |
| Customs tariff number | 85444290 |

## Electrical parameters

| | |
|---|---|
| Rated voltage | 230 V |
| Rated impulse voltage | 4000 V |
| Rated current | 10.0 A |
| Insulation resistance | ≥ $10^{10}$ Ω |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| EMC compliance | unshielded |

## Material

| | |
|---|---|
| Housing material | PBT |
| Contact body material | PA |
| Contact material | CuSn (bronze) |
| Contact plating | Sn (tin) |
| REACH SVHC | None (No pollutants) |
| SCIP number | SCIP-number not available |

## Cable data - Structure of the cable

| | |
|---|---|
| Cable diameter | 6.0 mm |
| Sheath material | PUR |
| Single-lead structure | 3 x 0.75 mm |
| Cable color | black |

## Cable data - Other features

| | |
|---|---|
| Halogen free | yes |

## Classifications

| | |
|---|---|
| eCl@ss 11.1 | 27-06-03-11 |
| ETIM 9.0 | EC002638 |

## Declarations of conformity

| | |
|---|---|
| Low Voltage Directive | EN 60529:1991 \| EN 60204-1:2018 |

**Product data sheet**

# Automation technology - Solenoid valve connectors

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RoHS Directive

EN IEC 63000:2018

Date: 03.10.2026

**Product data sheet**

# Automation technology - Solenoid valve connectors

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## Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

Plug connectors with enclosure protection IP67 and IP68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".