**Product data sheet**

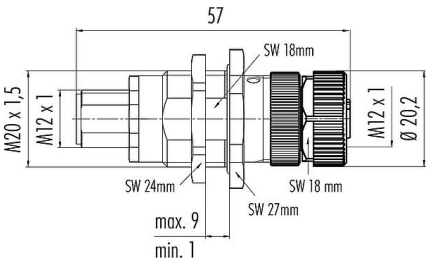
# Automation technology - Data transmission

| | |
|---|---|
| Product description | **M12 Lead-through for control cabinet, Contacts: 4, shielded, pluggable, IP67, UL 2238, Rear mounting** |
| Area | **M12-D** |
| Coding | **D-coded** |
| Series | **825** |
| Part no. | **09 5245 00 04** |

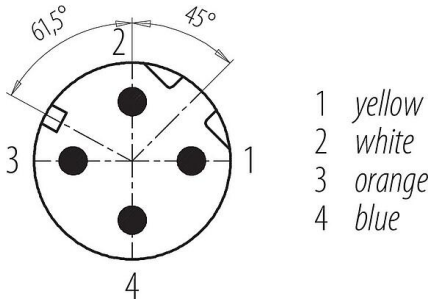
## Illustration (may vary)



## Scale drawing




## Contact arrangement (Plug-in side)




**You can find the assembly instructions on the next page.**

## Technical data

### General features

| | |
|---|---|
| Part no. | 09 5245 00 04 |
| Connector design | Lead-through for control cabinet |
| Type standard | DIN EN 61076-2-101 |
| Coding | D-coded |
| Version | Adapter |
| Connector locking system | screw |
| Termination | pluggable |
| Degree of protection | IP67 |
| Temperature range from/to | -40 °C / 85 °C |
| Mechanical operation | > 100 Mating cycles |
| Weight (g) | 61.11 |
| Customs tariff number | 85369010 |
| Country of Origin | DE |

### Electrical parameters

| | |
|---|---|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Rated current | 4.0 A |
| Insulation resistance | > $10^{8}$ Ω |
| Pollution degree | 3 |
| Transmission rate | CAT 5 |
| Overvoltage category | II |
| Insulating material group | II |
| EMC compliance | shielded |
| Shield connection | Shield on the housing |

**Product data sheet**

# Automation technology - Data transmission

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## Material

| | |
|---|---|
| Housing material | Zinc die-cast nickel-plated |
| Contact body material | PA |
| Contact material | CuZn (brass) |
| Contact plating | Au (gold) |
| Locking material | Zinc die-cast nickel-plated |
| REACH SVHC | CAS 7439-92-1 (Lead) |
| SCIP number | 97020824-650e-4633-a25d-316143cf55bb |

## Authorization/approvals

| | |
|---|---|
| Approvals | UL 2238 |

## Classifications

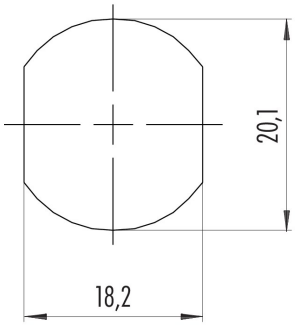
| | |
|---|---|
| eCl@ss 11.1 | 27-44-01-09 |
| ETIM 9.0 | EC003569 |

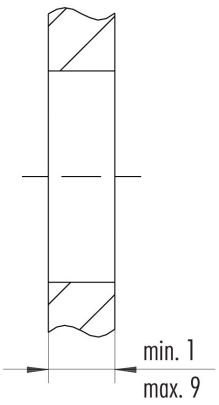
## Declarations of conformity

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

## Assembly instructions / Panel cut-out

Schaltschrankdurchführung mit Durchgangsbohrung
*Lead-through for control cabinet with bore hole*




Anzugsdrehmoment/*Tightening moment*
1-1,2 Nm

Date: 03.10.2026

**Product data sheet**

# Automation technology - Data transmission

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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".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).