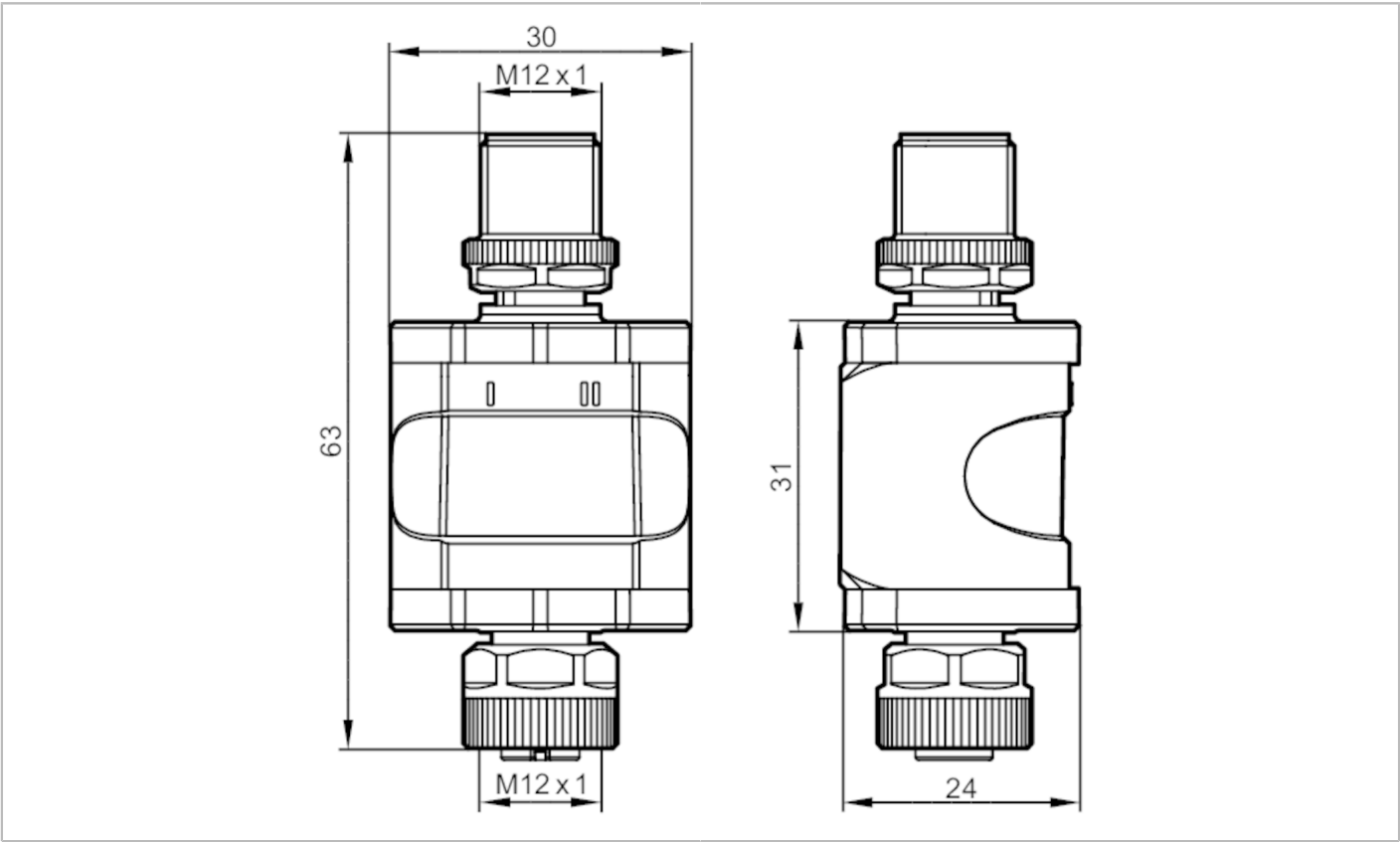


# DP1613



## Relay adapter

Relais Adapter/2xNC



| Product characteristics         |      |                                                               |
|---------------------------------|------|---------------------------------------------------------------|
| Output function                 |      | normally closed                                               |
| Dimensions                      | [mm] | 63 x 30 x 24                                                  |
| Electrical data                 |      |                                                               |
| Operating voltage               | [V]  | 18...30 DC; ((in wet environments: 18...28 V) ; to SELV/PELV) |
| Nominal voltage DC              | [V]  | 24                                                            |
| Current consumption             | [mA] | < 10                                                          |
| Max. current load total         | [A]  | 2                                                             |
| Inputs / outputs                |      |                                                               |
| Number of inputs and outputs    |      | Number of digital inputs: 2; Number of relay outputs: 2       |
| Inputs                          |      |                                                               |
| Number of digital inputs        |      | 2; (type 3 (IEC 61131-2))                                     |
| Input circuit of digital inputs |      | PNP                                                           |
| Outputs                         |      |                                                               |
| Voltage range DC                | [V]  | 0...32; (to SELV/PELV)                                        |
| Voltage range AC                | [V]  | 0...20; ((in wet environments: 0...16 V); to SELV/PELV)       |
| Output function                 |      | normally closed                                               |
| Max. current load per output    | [mA] | 1000                                                          |
| Number of relay outputs         |      | 2                                                             |
| Switching frequency AC          | [Hz] | 1                                                             |

# DP1613



## Relay adapter

Relais Adapter/2xNC

|                              |      |                     |
|------------------------------|------|---------------------|
| Switching frequency DC       | [Hz] | 1                   |
| Notes on switching frequency | [Hz] | no capacitive loads |

### Operating conditions

|                             |      |                                                          |
|-----------------------------|------|----------------------------------------------------------|
| Ambient temperature         | [°C] | -25...60                                                 |
| Note on ambient temperature |      | 2000 m: -25...60 °C                                      |
|                             |      | 3000 m: -25...55 °C                                      |
|                             |      | 4000 m: -25...52 °C                                      |
| Storage temperature         | [°C] | -25...70                                                 |
| Max. relative air humidity  | [%]  | 90; (linearly decreasing to 50 % (40 °C) non condensing) |
| Max. height above sea level | [m]  | 4000                                                     |
| Protection                  |      | IP 67                                                    |
| Pollution degree            |      | 2; (before installation and when the device is replaced) |

### Tests / approvals

|      |         |     |
|------|---------|-----|
| MTTF | [years] | 942 |
|------|---------|-----|

### Mechanical data

|                                            |      |              |
|--------------------------------------------|------|--------------|
| Weight                                     | [g]  | 82.8         |
| Weight (without accessories and packaging) | [g]  | 35           |
| Dimensions                                 | [mm] | 63 x 30 x 24 |
| Materials                                  |      | housing: PA  |

### Accessories

|                        |               |
|------------------------|---------------|
| Accessories (optional) | mounting clip |
|------------------------|---------------|

### Remarks

|               |                                                                |
|---------------|----------------------------------------------------------------|
| Remarks       | For further information please see the operating instructions. |
| Pack quantity | 1 pcs.                                                         |

### Electrical connection - plug

Connector: 1 x M12, straight; coding: A



- |        |     |
|--------|-----|
| 1: L+  |     |
| 2: IN1 | DI1 |
| 3: L-  |     |
| 4: IN2 | DI2 |

# DP1613



## Relay adapter

Relais Adapter/2xNC

### Electrical connection - socket

Connector: 1 x M12, straight; coding: A



|            |                |
|------------|----------------|
| 1: L1 / L+ | supply voltage |
| 2: OUT1    | Output         |
| 3: n.c.    | NC1            |
| 4: OUT2    | NC2            |
| 5: n.c.    |                |