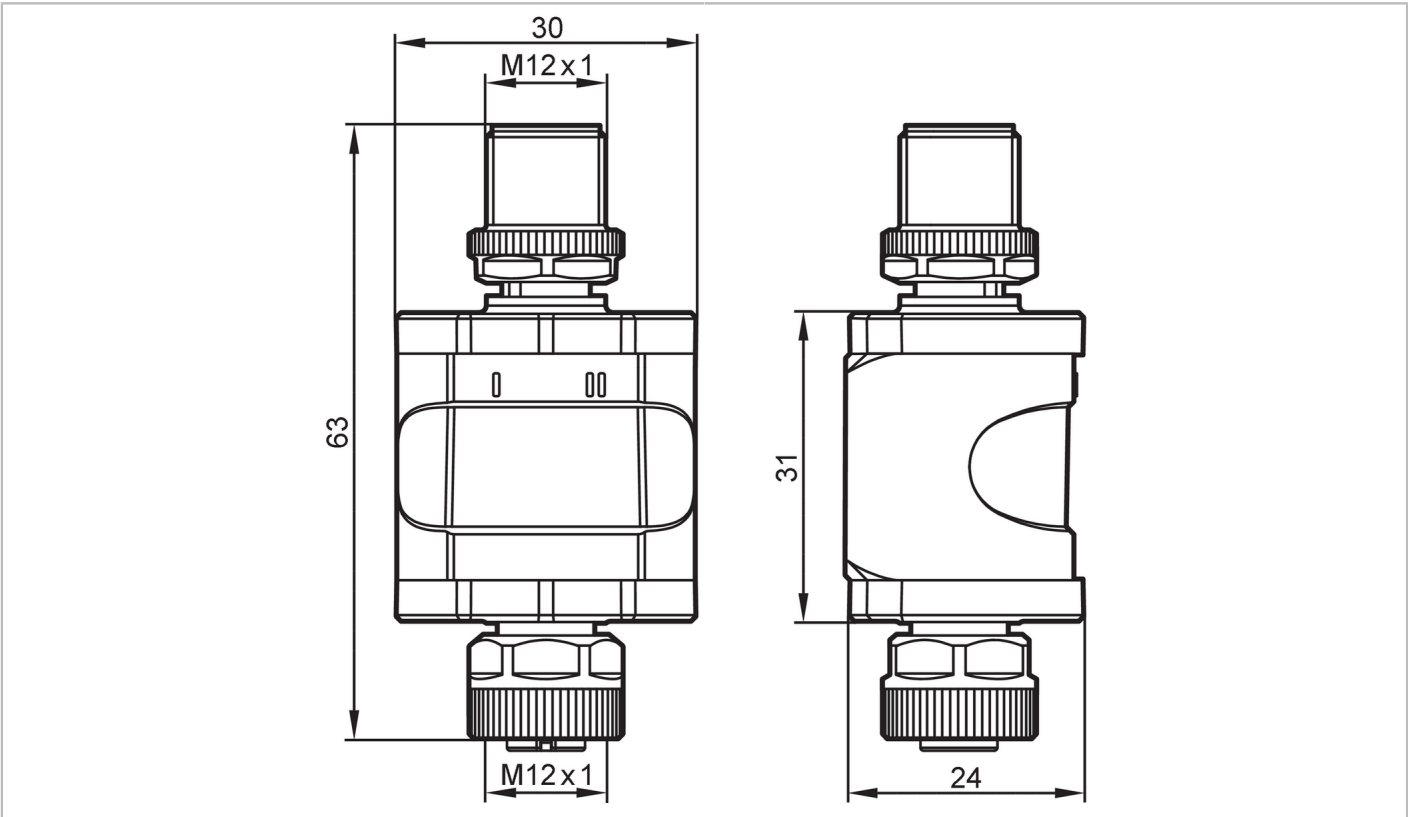


# DP1613



## 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                                                       |
| Switching frequency DC [Hz]       | 1                                                       |

# DP1613



## Relay adapter

Relais Adapter/2xNC

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                    |
| UL approval  | Ta max. 55 °C          |
|              | File number UL E205959 |

### Mechanical data

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

### Accessories

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

### Remarks

|               |                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------|
| Remarks       | Further information is available in the manual.<br>the device complies with overvoltage category II |
| Pack quantity | 1 pcs.                                                                                              |

### Electrical connection - plug

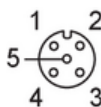
Connector: 1 x M12, straight; coding: A; Contacts: 4



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

### Electrical connection - Socket

Connector: 1 x M12, straight; coding: A; Contacts: 4



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