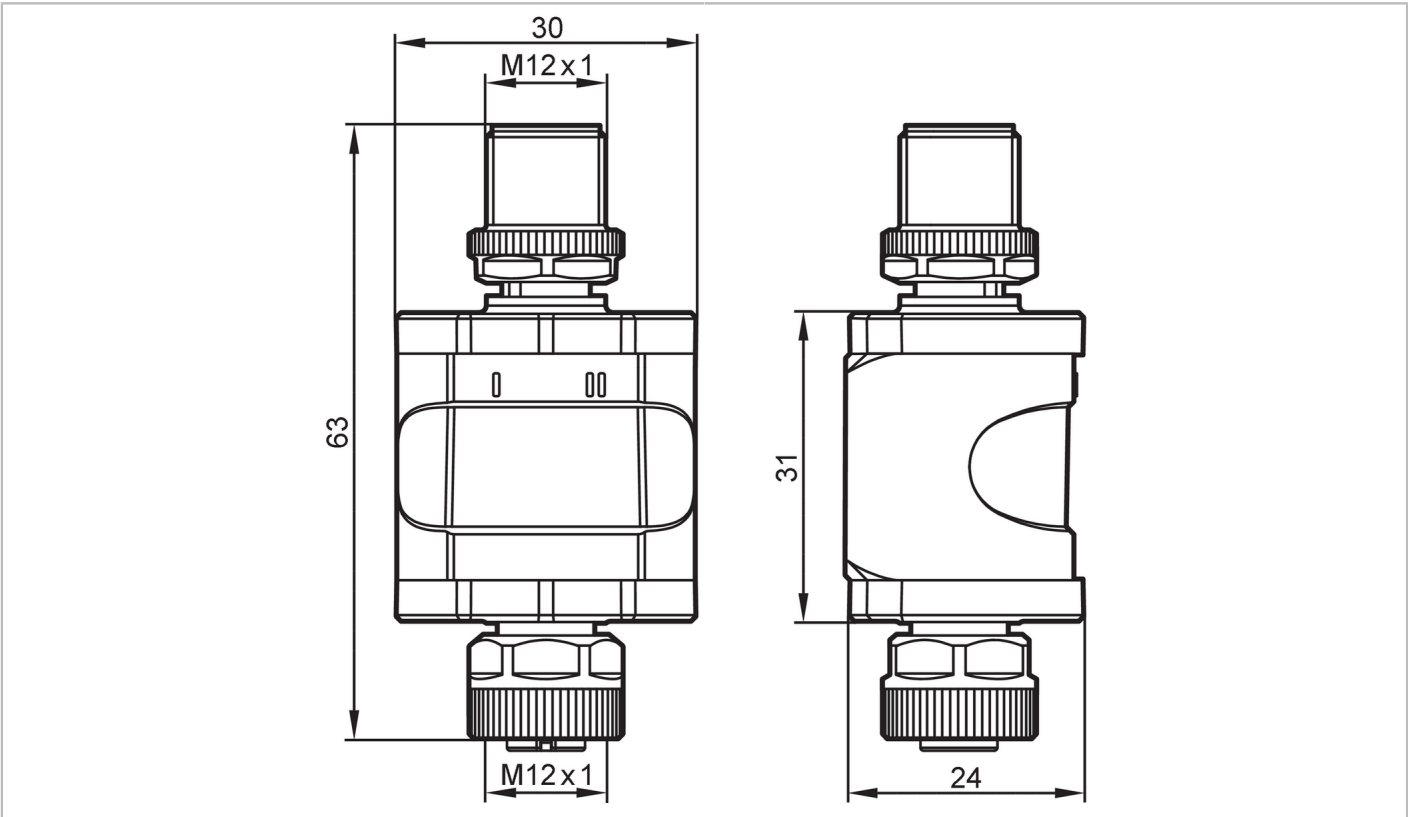


DP1603



Relay adapter

Relais Adapter/2xNO



Product characteristics

Output function	normally open
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

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 2; Number of relay outputs: 2
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Inputs

Number of digital inputs	2; (type 3 (IEC 61131-2))
Input circuit of digital inputs	PNP

Outputs

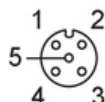
Voltage range DC [V]	0...32; (to SELV/PELV)
Voltage range AC [V]	0...20; ((in wet environments: 0...16 V); to SELV/PELV)
Output function	normally open
Max. current load per output [mA]	1000
Number of relay outputs	2
Switching frequency AC [Hz]	1
Switching frequency DC [Hz]	1
Notes on switching frequency [Hz]	no capacitive loads

DP1603



Relay adapter

Relais Adapter/2xNO

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]	82.2
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. 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	NO1	
3: n.c.		
4: OUT2	NO2	
5: n.c.		