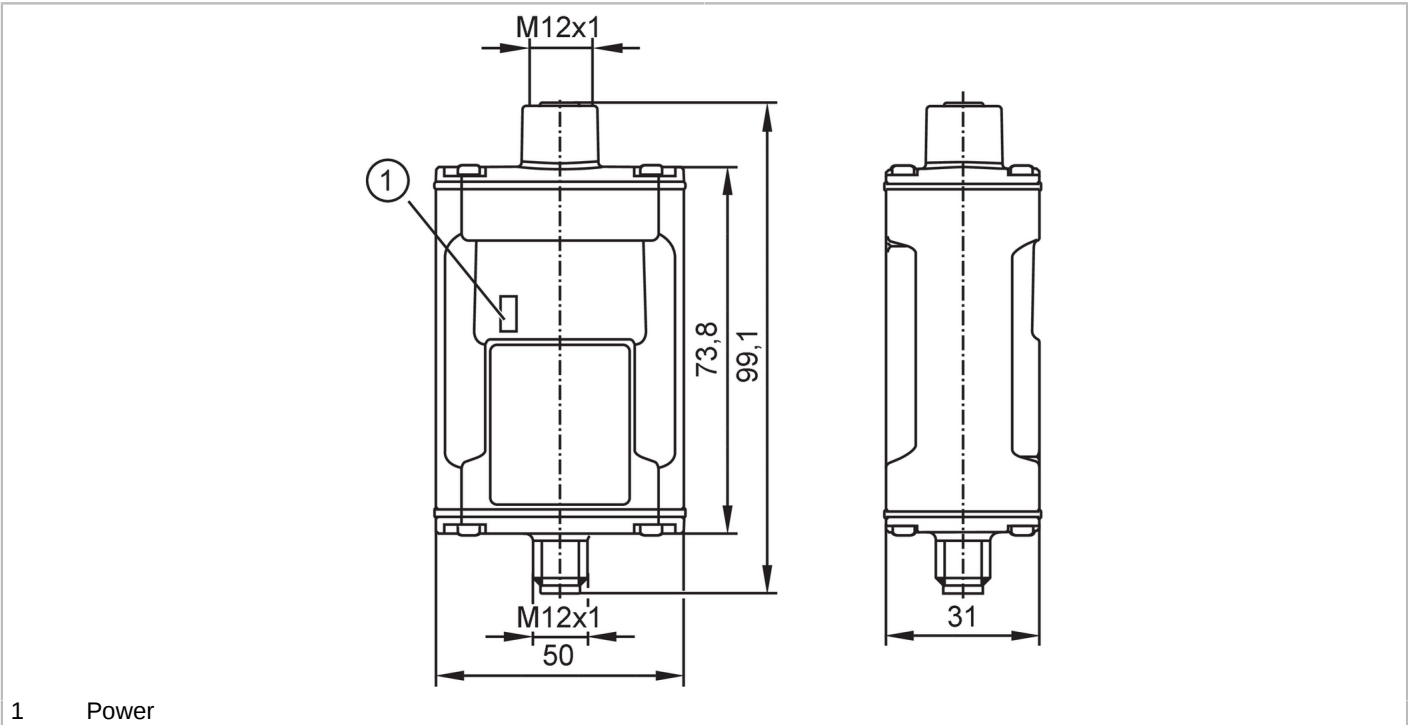


DP1615



Control unit for RGBW LED strips

Controller RGBW-LED IP67



Electrical data		
Operating voltage	[V]	21.6...26.4 DC; (to SELV/PELV)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 1230
Max. current load total	[A]	1.2
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 3; Number of digital outputs: 4	
Inputs		
Number of digital inputs	3	
Switching level high	[V]	11...26.4
Switching level low	[V]	0...5
Outputs		
Output signal	switching signal	
Number of digital outputs	4	
Max. current load per output	[mA]	400; 640; (400 mA: red; green; blue; 640 mA: white)
Max. current load outputs total	[A]	1.2
Short-circuit proof	yes	
Interfaces		
Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Common - I&D	Identification and Diagnosis

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SIO mode	yes	
Required master port class	A	
Min. process cycle time [ms]	4.2	
Supported DeviceIDs	Type of operation	DeviceID
	default	1474
Note	For further information please see the IODD PDF file at "Downloads"	

Operating conditions		
Ambient temperature [°C]		-25...60
Storage temperature [°C]		-25...60
Max. relative air humidity [%]		90; (linearly decreasing to 50 % (40 °C); non condensing)
Max. height above sea level [m]		2000
Protection		IP 65; IP 67
Pollution degree		2

Tests / approvals		
EMC	IEC61131-2	
MTTF [years]		291

Mechanical data		
Weight [g]		130.2
Weight (without accessories and packaging) [g]		0.001
Housing		rectangular
Dimensions [mm]		99.1 x 50 x 31
Material		housing: PA; cover: PA; sealing cover: TPE
Sealing material		FKM

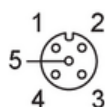
Displays / operating elements		
Display	Power	LED, green

Accessories	
Accessories (optional)	mounting clip, E89209

Remarks	
Remarks	Please observe the permissible voltage ranges of the connected devices, as these may differ from the IO-Link specification. Further information is available in the manual. the device complies with overvoltage category II
Pack quantity	1 pcs.

Electrical connection - Socket

Connector: 1 x M12; coding: A; Contacts: 5; sealing: FKM



1 OUT1	DO1 LED red
2 OUT2	DO2 LED green
3 L-	GND
4 OUT3	DO3 LED white
5 OUT4	DO4 LED blue

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Electrical connection - plug

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



IO-Link Power

1 L+	
2 L+	
3 L-	GND
4 C/Q	

SIO Power

1 IN1 / L+	DI1 / supply voltage Setting C
2 IN2 / L+	DI2 / supply voltage Setting B
3 L-	GND
4 IN3 / L+	DI3 / supply voltage Setting A