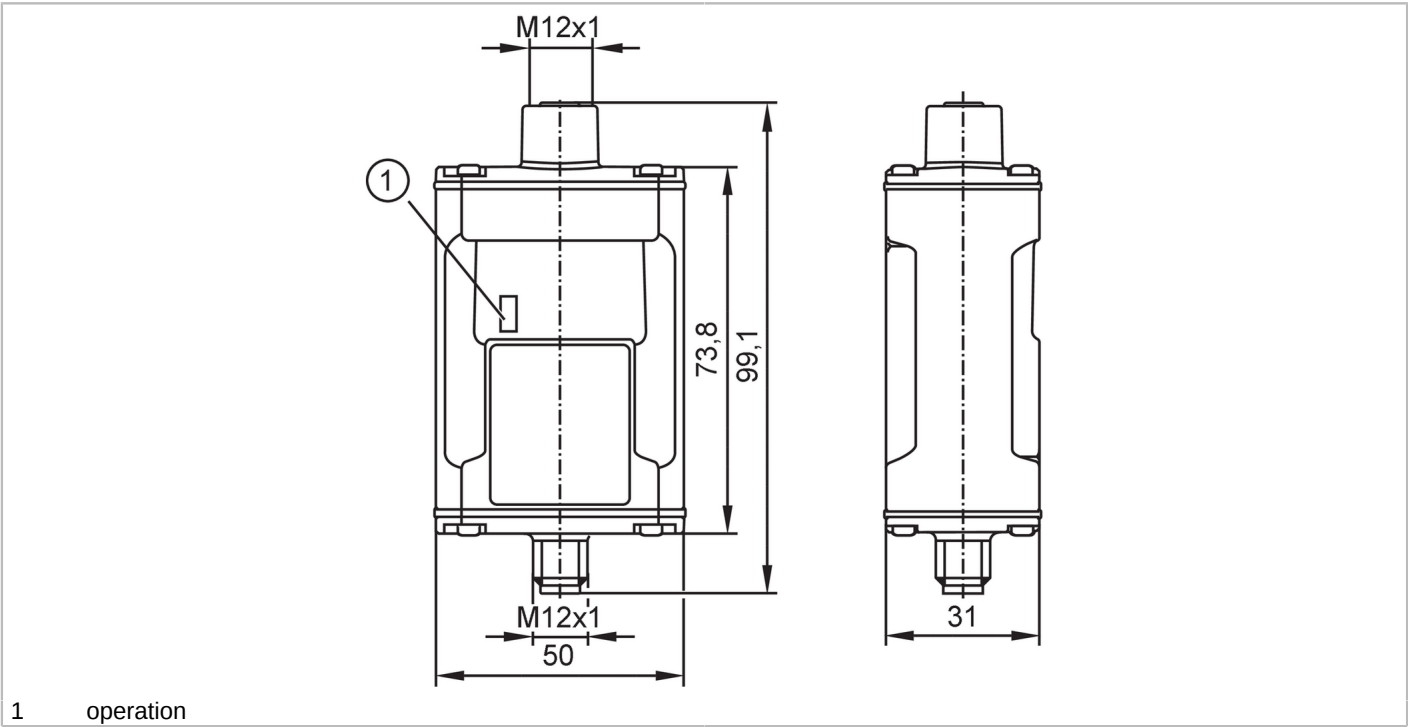


DP1617



Control unit for digital RGB LED light bars

Controller single-LED IP67



Electrical data		
Operating voltage	[V]	21.6...26.4 DC; (to SELV/PELV)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 2.2
Max. current load total	[A]	2.2
Inputs / outputs		
Number of inputs and outputs	Number of digital inputs: 1	
Inputs		
Number of digital inputs	1	
Switching level high	[V]	11...26.4
Switching level low	[V]	0...5
Outputs		
Max. current load outputs total	[A]	3
Short-circuit proof	yes	
Interfaces		
Communication interface	IO-Link	
Transmission type	COM3 (230,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Common - I&D	Identification and Diagnosis
	Function	Locator
	Function	ProductURI
SIO mode	yes	



Control unit for digital RGB LED light bars

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Required master port type	A										
Min. process cycle time [ms]	10										
Supported DeviceIDs	<table> <tr> <th>Type of operation</th><th>DeviceID</th></tr> <tr> <td>Bargraph Mode</td><td>1919</td></tr> <tr> <td>Position Mode</td><td>1922</td></tr> <tr> <td>Running-Light Mode</td><td>1921</td></tr> <tr> <td>Segment Mode</td><td>1920</td></tr> </table>	Type of operation	DeviceID	Bargraph Mode	1919	Position Mode	1922	Running-Light Mode	1921	Segment Mode	1920
Type of operation	DeviceID										
Bargraph Mode	1919										
Position Mode	1922										
Running-Light Mode	1921										
Segment Mode	1920										
Note	For further information please see the IODD PDF file under "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

Mechanical data	
Weight [g]	95.4
Weight (without accessories and packaging) [g]	0.001
Housing	rectangular
Dimensions [mm]	99.1 x 50 x 31
Materials	housing: PA; cover: PA; lid seal: TPE
Sealing material	FKM

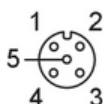
Displays / operating elements	
Display	operation LED, green

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. For further information please see the operating instructions. the device complies with overvoltage category II
Pack quantity	1 pcs.

Electrical connection - socket

Connector: 1 x M12; coding: A; Contacts: 3; Sealing: FKM



1	L+
2	n.c.
3	L-
4	DATA
5	n.c.

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Electrical connection - plug

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



IO-Link operation

1	L+	
2	IN	DI
3	L-	
4	C/Q	

DATA: Communication interface; DI: digital input; n.c.: not used