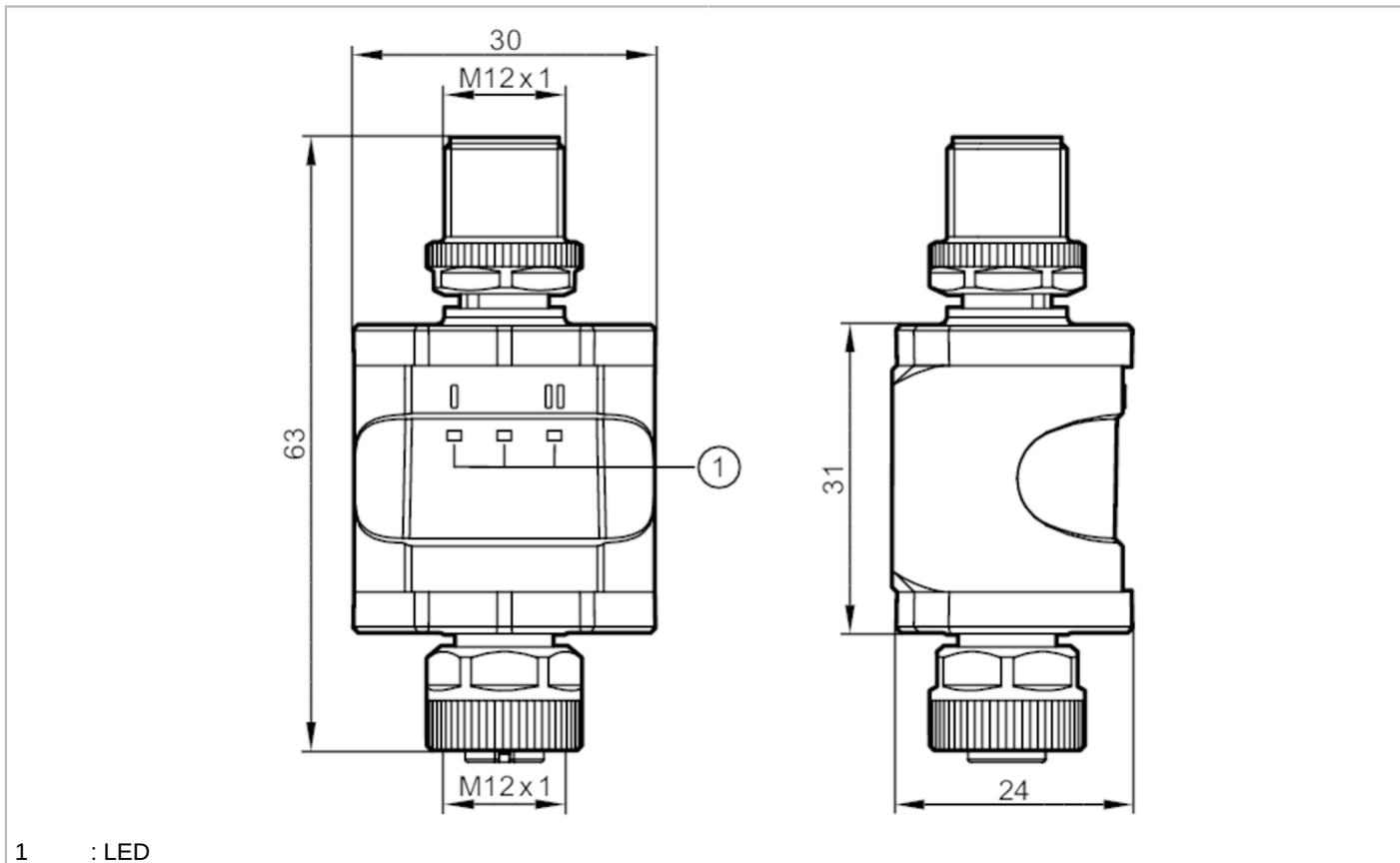


DP1223



Converter IO-Link - 0...10 V

Converter IO-Link/2x0-10V



Product characteristics

Number of inputs and outputs	Number of analog outputs: 2
Communication interface	IO-Link

Electrical data

Operating voltage [V]	18...30 DC; (to SELV/PELV)
Nominal voltage DC [V]	24
Current consumption [mA]	300
Max. current load total [A]	0.2

Inputs / outputs

Number of inputs and outputs	Number of analog outputs: 2
------------------------------	-----------------------------

Outputs

Number of analog outputs	2
Analog voltage output [V]	0...10
Min. load resistance [Ω]	3000
Precision analog output [%]	0,25

Interfaces

Communication interface	IO-Link
Transmission type	COM2 (38,4 kBaud)
IO-Link revision	1.1
SDCI standard	IEC 61131-9

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Profiles	Common - I&D	Identification and Diagnosis
SIO mode		no
Required master port class		A/B
Process data analog		2
Min. process cycle time [ms]		3.6
IO-Link process data (cyclical)	Function	bit length
	device status	4
	voltage - output 1	16
	voltage - output 2	16
IO-Link functions (acyclical)		application specific tag
Supported DeviceIDs	Type of operation	DeviceID
	default	614

Operating conditions		
Ambient temperature [°C]		-25...70
Note on ambient temperature		2000 m: -25...70 °C
		3000 m: -25...64 °C
		4000 m: -25...62 °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
Degree of soiling		2

Tests / approvals		
MTTF [years]		432
UL approval	Ta	max. 55 °C
	File number UL	E205959

Mechanical data		
Weight [g]		91
Housing		rectangular
Dimensions [mm]		63 x 30 x 24
Material		housing: PA

Displays / operating elements		
Display	Power	1 x LED, green
	analog output	2 x LED, yellow

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.

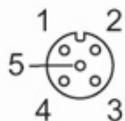
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Electrical connection - Socket



1:	L+
2:	0...10 V analog output 2
3:	L-
4:	0...10 V analog output 1
5:	not used

Electrical connection - plug



1:	L+
2:	not used
3:	L-
4:	C/Q IO-Link