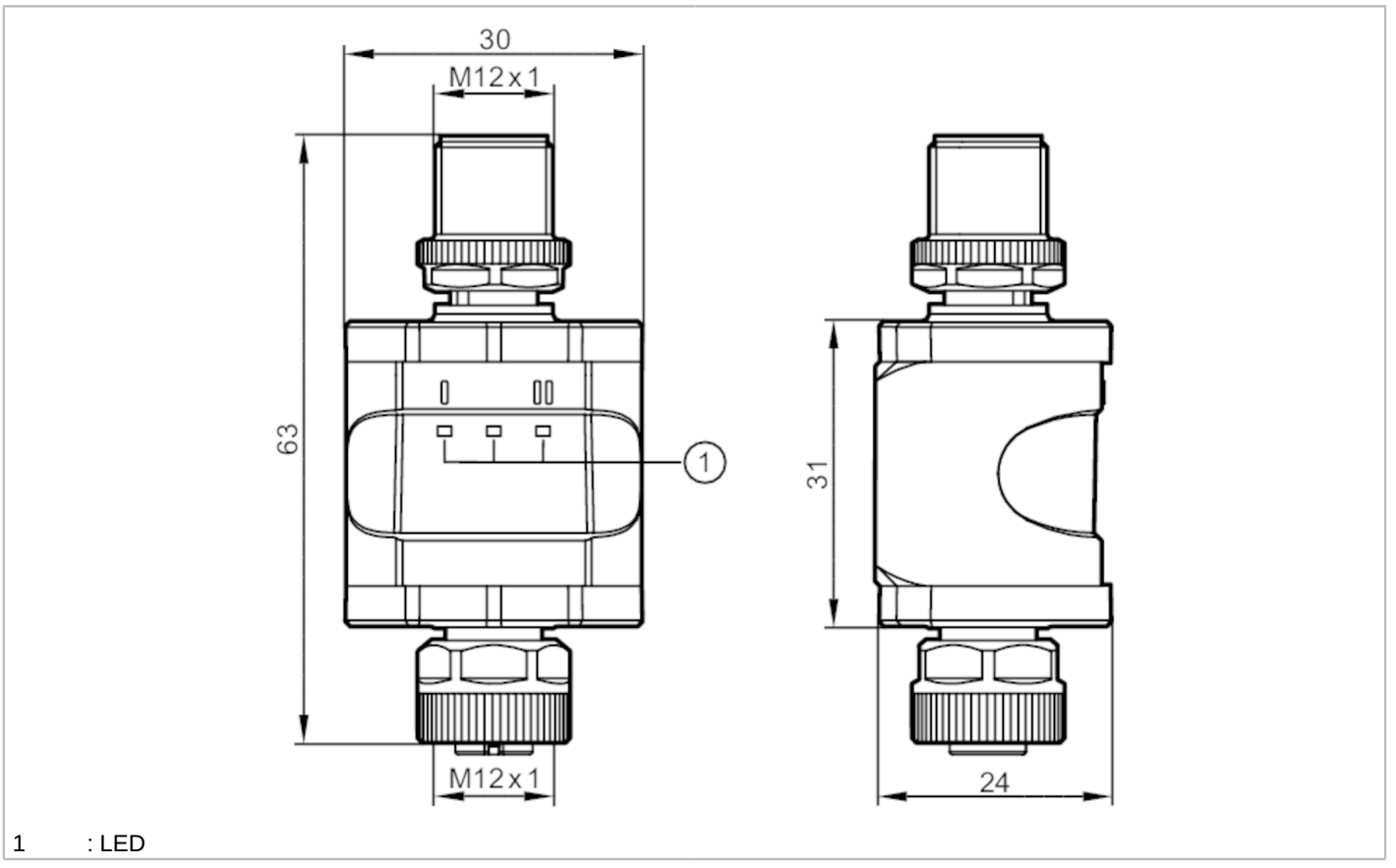
DP1223

Converter IO-Link - 0...10 V

Converter IO-Link/2x0-10V



1 : LED

Product characteristics		
Number of inputs and outputs		Number of analogue 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 analogue outputs: 2
Outputs		
Number of analogue outputs		2
Analogue voltage output	[V]	0...10
Min. load resistance	[Ω]	3000
Precision analogue 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		Smart Sensor	
SIO mode		no	
Required master port type		A/B	
Process data analogue		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	
Pollution degree		2	
Tests / approvals			
MTTF	[years]	432	
Mechanical data			
Weight	[g]	91	
Materials		housing: PA	
Displays / operating elements			
Display		operation	1 x LED, green
		analogue output	2 x LED, yellow
Accessories			
Accessories (optional)		mounting clip	
Remarks			
Remarks		For further information please see the operating instructions.	
Pack quantity		1 pcs.	

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Electrical connection - plug

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

Electrical connection - socket

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