

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	Smart Sensor	
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	
Mechanical data		
Weight [g]	91	
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.	
Pack quantity	1 pcs.	

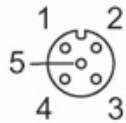
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Electrical connection - Socket



- | | |
|----|--------------------------|
| 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 |