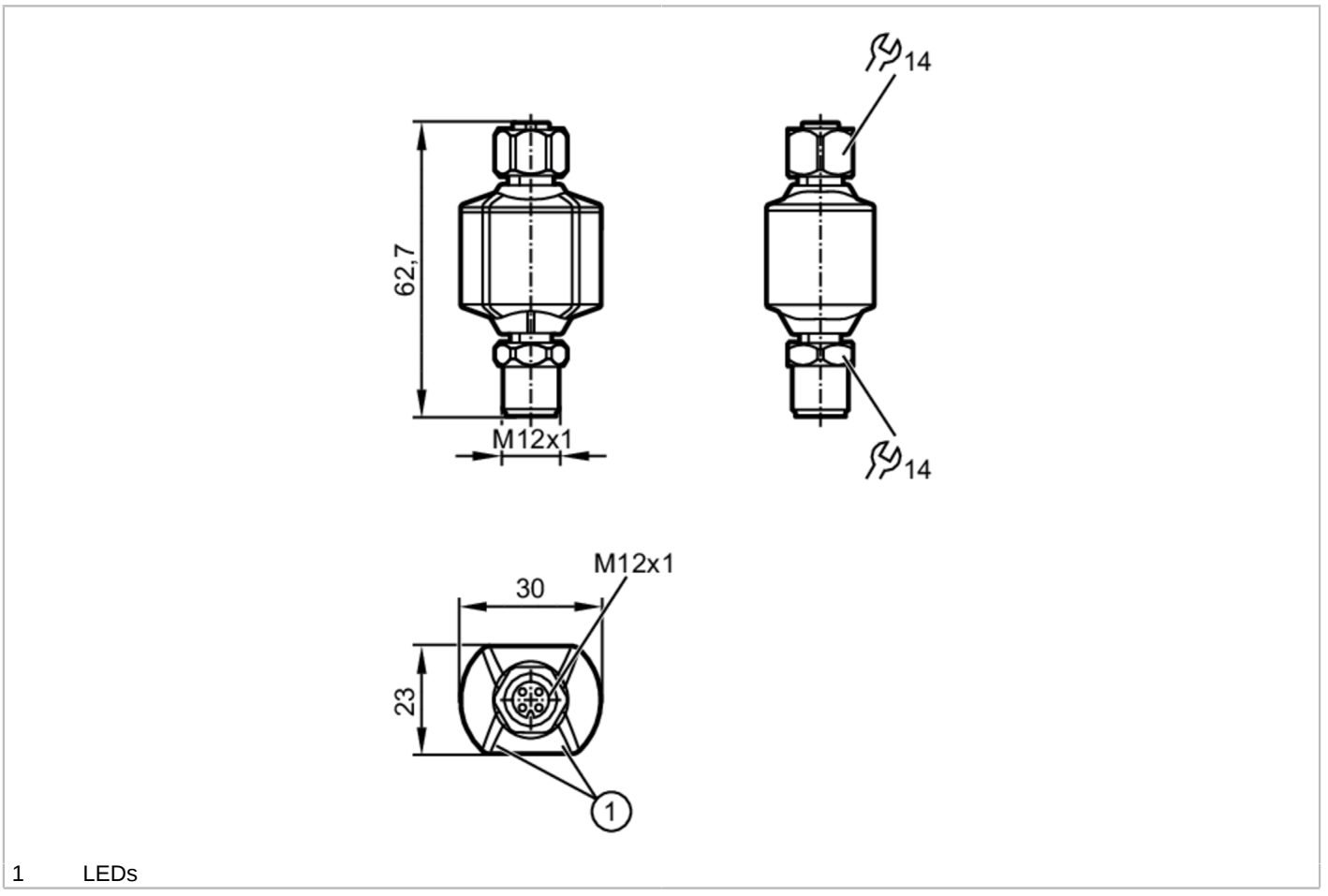
EIO104

IO-Link master / converter - 4...20 mA

IO-LINK/4-20mA MASTERCONVERTER

This converter only works in combination with appropriately specified ifm sensors (see device catalogue under "Downloads")



1 LEDs

Product characteristics		
Number of inputs and outputs		Number of analogue outputs: 2
Application		
Design		integrated IO-Link master
Electrical data		
Operating voltage	[V]	18...30 DC; (to SELV/PELV)
Nominal voltage DC	[V]	24
Current consumption	[mA]	< 30
Max. current load total	[A]	0.83
Inputs / outputs		
Number of inputs and outputs		Number of analogue outputs: 2
Outputs		
Number of analogue outputs		2
Analogue current output	[mA]	4...20
Max. load	[Ω]	500
Precision analogue output	[%]	0,25

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Interfaces			
Communication interface		IO-Link	
Transmission type		COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud)	
IO-Link revision		1.1	
Number of ports class A		1	
Operating conditions			
Ambient temperature	[°C]	-25...60	
Storage temperature	[°C]	-40...70	
Max. relative air humidity	[%]	90; (linearly decreasing to 50 % (40 °C) non condensing)	
Protection		IP 67; IP 69K	
Tests / approvals			
MTTF	[years]	254	
UL approval		Ta	max. 55 °C
		Enclosure type	Type 1
		power supply	Low Voltage / Limited Energy
		File number UL	E205959
Mechanical data			
Weight	[g]	91.45	
Housing		rectangular	
Dimensions	[mm]	62.7 x 30 x 23	
Materials		PA; stainless steel (316L/1.4404); FKM	
Displays / operating elements			
Display		status	1 x LED, red
		operation	1 x LED, green
Remarks			
Remarks		For further information please see the operating instructions.	
		the device complies with overvoltage category II	
Notes		This converter only works in combination with appropriately specified ifm sensors (see device catalogue under "Downloads")	
Pack quantity		1 pcs.	

Electrical connection - plug

1	L+
2	analogue output 4...20 mA
3	L-
4	analogue output 4...20 mA

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Electrical connection - socket

1	L+
2	not used
3	L-
4	IO-Link
5	not used