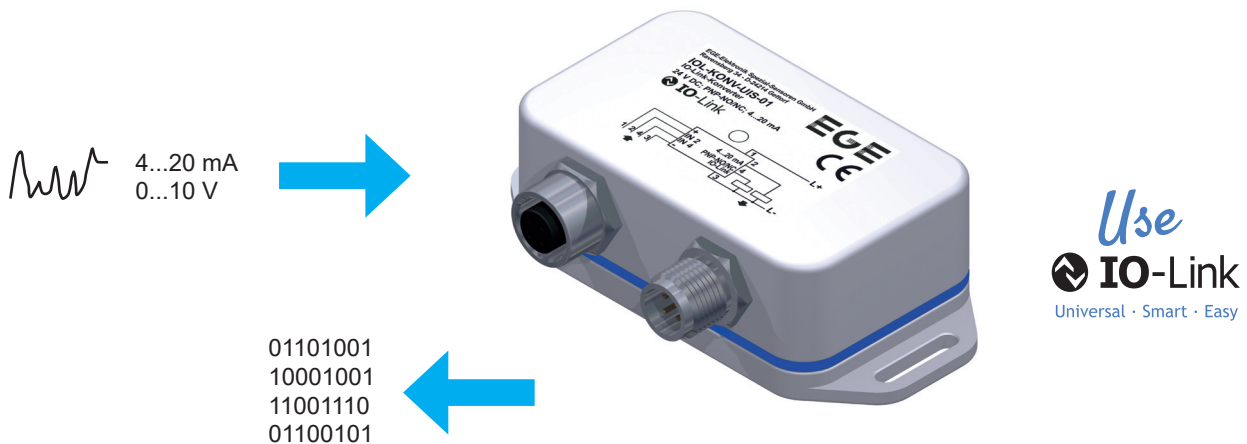


# Product innovation

IO-Link Converter

# EGE

YOUR SENSOR SPECIALIST



## Compact - Multifunctional - Fail-safe transmission

- IO-Link update for sensors with analog output
- Reduction of interference-prone analog signals
- Integrated sensor monitoring
- Adjustable switch-off function in case of overload
- Integrated temperature monitoring

### Application

The IO-Link converter IOL-KONV-UIS-01 is connected between a sensor with analog/switching output and an IO-Link master. It acquires up to two analog/switching signals and transmits them digitally to the master via the IO-Link interface.

In addition, the current consumption and operating voltage of the connected sensor are permanently monitored and sensor errors are reported to the controller in an IO-Link event.

### Functions

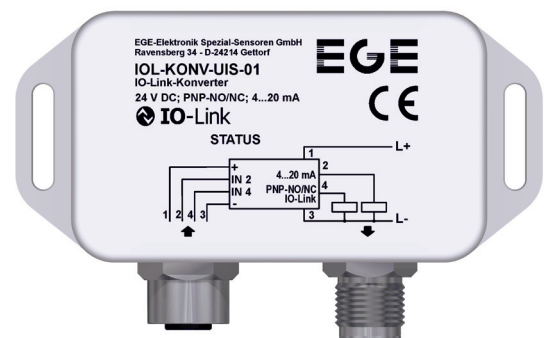
- Input configurable for voltage, current or switching signal
- 4...20 mA output scalable
- Monitoring of sensor current consumption
- Monitoring of supply voltage
- Switch-off function in case of overcurrent
- Events configurable
- Temperature detection in converter housing
- TAG identifier configurable on the device
- IO-Link Device V 1.1

### Type

IOL-KONV-UIS-01      Z01297

### Display

Clearly visible through the housing cover, a multicolor LED signals the operating status of the converter.

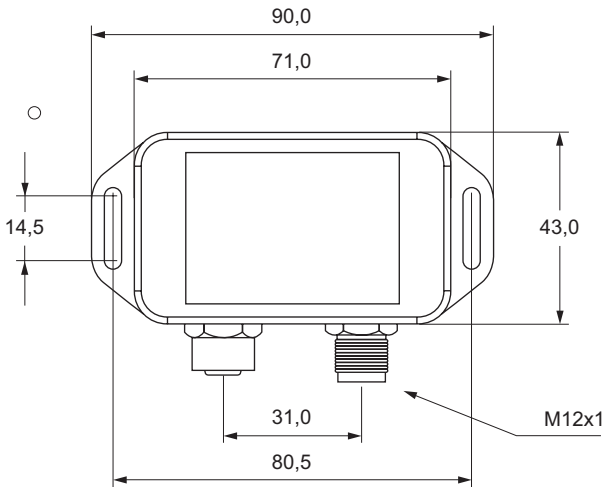


### Mounting

Mounting brackets offer a variety of mounting options within the plant. The converter is connected to the sensor and IO-Link master via an unshielded M12 cable connection.

### Operation

The converter is parameterized via the IO-Link interface using an engineering tool.



## Technical data

ID-No.	Z01297
Type	IOL-KONV-UIS-01
Input 1	4...20 mA, 0...10 V, Switching signal
Input 2	4...20 mA, 0...10 V, Switching signal
Output S1	PNP-NO/NC, IO-Link
Output S2	Analog output, 4...20 mA
Supply voltage	[VDC] 18...30
Current consumption max.	[mA] ≤ 37
Switching current	[mA] ≤ 150
Ambient temperature	[°C] -10...60
Resolution	16 Bit
Housing material	PC
Degree of protection (EN 60529)	IP 67
Connection	M12 connector
Programming functions	Operating modes: hysteresis function, window function, error monitoring, selection of inputs: 4...20 mA, 0...10 V, switching signal Sensor monitoring: current consumption, supply voltage, temperature Overcurrent monitoring
Accessories	IOL-Master-Set V1.1 (not in scope of delivery)