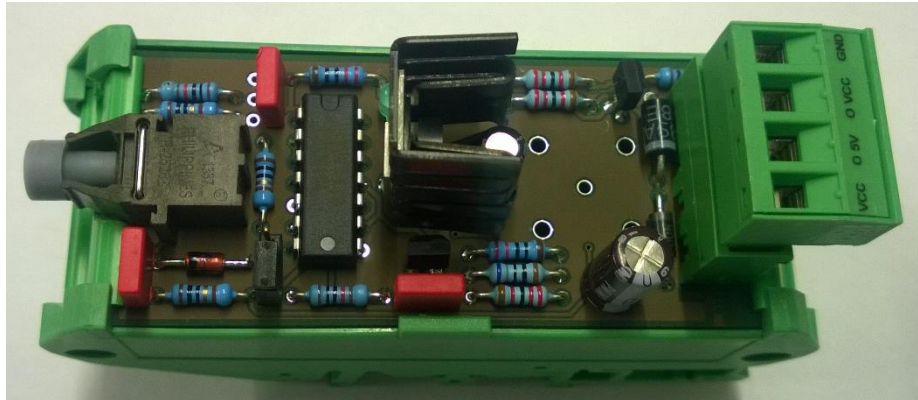


## Data Sheet

### LWL RX UM72 HFBR2412/HFBR2521

Part No.: AA-10367-001/011



## Optical Fiber interface with electrical output

### Features

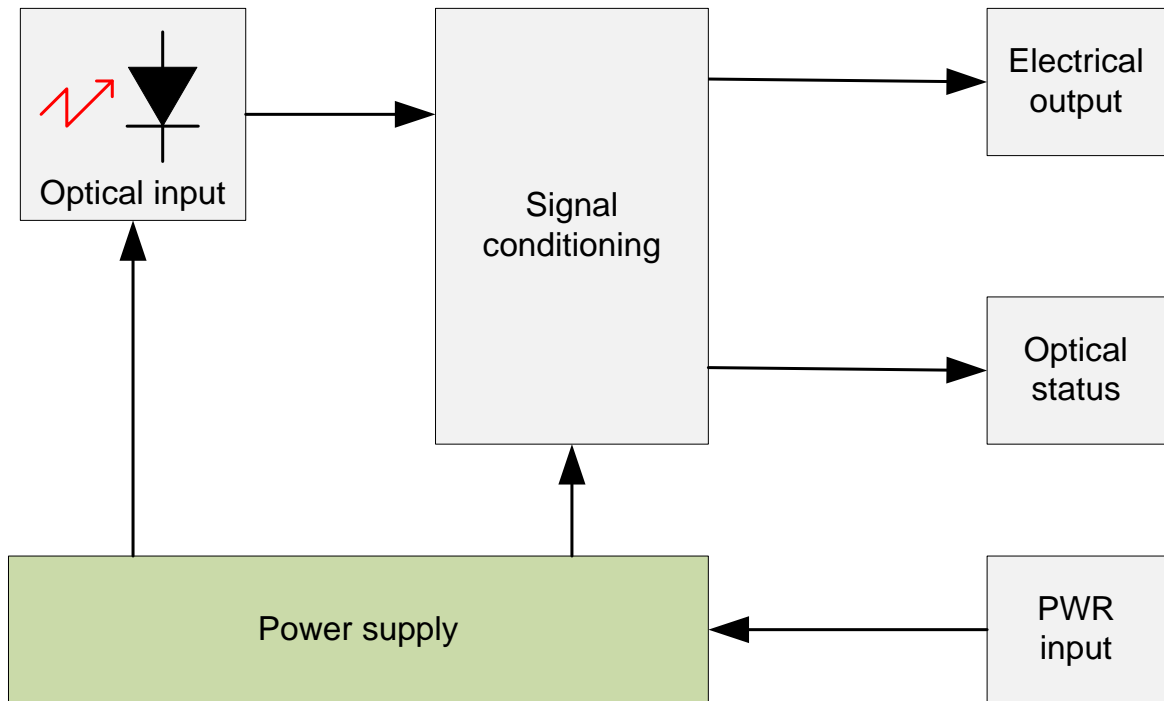
- Glass or POF interface
- 12-24V input voltage
- 24V or 5V Digital output
- 24V output source stage for SPS inputs
- BNC coaxial output connector on request
- Integrated 5V regulator
- Inverting or non-inverting output
- Status LED
- Small in size
- DIN rail mounting
- Easy handling
- Low cost

Rev.	Remarks / changes	created		checked		released	
01	Initial	AST	23.10.14	FF	23.10.14	FF	23.10.14
02	Add input voltage	AST	24.10.14	FF	24.10.14	FF	24.10.14

## 1. Description

The LWL\_RX\_UM72 is an optical receiver with either glass or POF interface. The 24V input voltage will be regulated to 5V with the internal power supply. The output is either a 24V source stage for easy adapting to a SPS or a 5V digital output which can be connected via a robust header or with a coaxial connector (on request) on the LWL\_RX\_UM72. The power supply can vary in a range of 24V  $\pm$ 20%.

## 2. Block diagram



## 3. Order code

AA-10367-001  
AA-10367-011

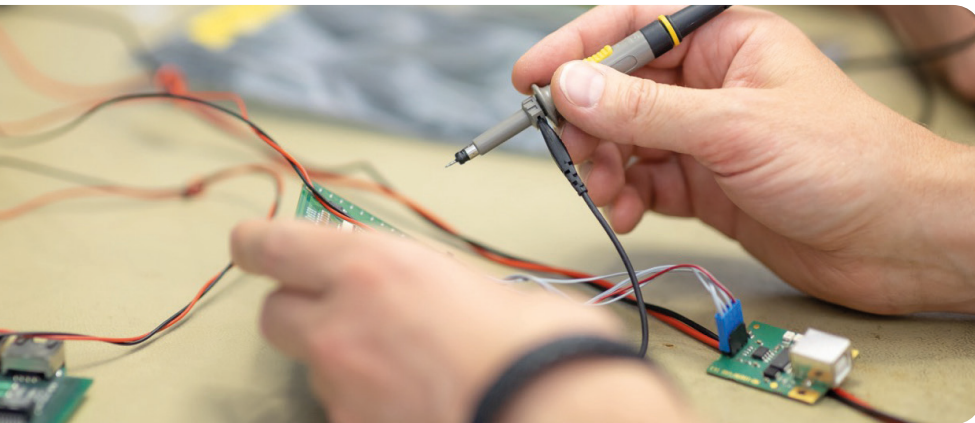
LWL\_RX\_HFBR2528\_UM72  
LWL\_RX\_HFBR2412\_UM72

Plastically optical receiver (POF) with electrical output  
Glass optical receiver (ST) with electrical output

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# About Astrol



## Technology leader in pulsed power switches and solid-state circuit breakers

Astrol is a Switzerland based innovator and manufacturer of state-of-the-art power control and switching solutions. We design and produce electronic parts for technical high demanding industries such as medical, energy distribution and pulsed power applications since 1996. In our 25-year history we have developed from a designer of custom-built electronics to a technology leader in pulsed power switches and solid-state circuit breakers with a wide range of products and a world-wide customer base consisting of operating companies and research institutes.

Our main focus lies on power switching in the medium voltage range, from optimized gate drive units to fully integrated solutions of up to 100kV. Our products are designed, manufactured and tested in our production location and high voltage test laboratory in Othmarsingen and therefore are able to withstand harsh environments, extended temperatures and have a long lifetime.

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