

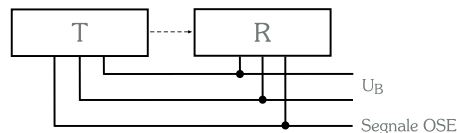
# LOW POWER SIGNAL

NEW



- Universal sensor profile
- Extremely low power consumption
- Integrated diagnostic system with visual display
- LED indicator for switching status
- OSE output signal
- IP 67, fully protected electronics

**LOW-POWER-SIGNAL** automatically selects the output frequency depending on the connected device: safety signals transmitted to a battery-powered radio link will therefore have a lower frequency than if they were sent directly to the control panel via a spiral cable. This increases battery life and ensures compatibility with most control panels on the market.



Diagnostic system with visual display: the LOW-POWER-SIGNAL safety edge tests the rubber profile for optical quality after engagement. The optical quality results from the rubber compound, door width, deflection, dirt, etc. The optical values of the rubber profile are indicated by a flash code of 1 to 3 pulses.

1 flash = optimal condition; 2 flashes = good condition; 3 flashes = operational limit reached.

Switching status indicator LED: activation of the device is indicated by a steady yellow LED.

For wide doors: the LOW-POWER-SIGNAL has been developed using a new optical system, which allows for significantly greater door widths of up to 12 metres.

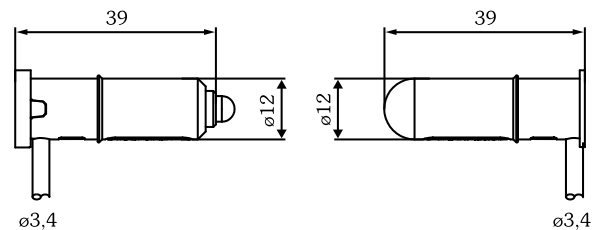
Less sensitive to wind loads and bending: LOW-POWERSIGNAL exhibits improved switching performance in difficult conditions, due to its optical characteristics and new adjustment method.

High immunity to electromagnetic interference: the LOWPOWER-SIGNAL has high immunity to electromagnetic interference produced by motors with inverters or static discharges from PVC panels.

Resistant to voltage reversals and short circuits: the LOWPOWER-SIGNAL is immune to incorrect wiring.

Regulated transmission power: improved regulation of the transmission power allows for approximately equal closing forces at different door widths.

Full compatibility: the LOW-POWER-SIGNAL is compatible with all control panel and radio bridge systems on the market.



## Technical specifications

Power supply	3...27 VCC
Maximum door width	1...12 m
Output	OSE signal
Warning lights	Yellow LED indicator
Connections	3x0,14 mm <sup>2</sup>
Protection degree	IP67, electronics encapsulated in epoxy resin

**APE-589/316397**

**LOW POWER SIGNAL**  
Optics for sensitive  
security edges

Box includes:

- Transmitter with 1 m cable and Molex connector
- Receiver with 10.5 m cable and Molex connector