

# More Protection, Less Space

++ Simple Mounting ++ Unbeatable Flexibility ++

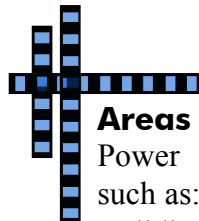


## Door Safeguarding with cepro/ELS

cepro/ELS is a high quality and cost-effective through-beam light sensor (also known as a photocell) for the safeguarding of automatic doors. It is universally compatible, in that it can be installed in virtually every automatic door with little installation expenditure. This is only one of the numerous advantages of cepro/ELS: The through-beam light sensors are extremely compact and ideally suited for any applications where space is limited. Yet they

feature unbeatable flexibility: you can operate the light sensor with an evaluation unit or integrate it directly into the door controller - whichever you prefer! These features, together with its incredibly competitive price, make cepro/ELS *the* safety guarantee for your automatic doors.

**cepro/ELS - guarantees safer doors.**



### Areas of application:

Power driven doors and gates such as:

- Sliding doors
- Industrial gates
- Elevator doors
- ... and many more



# CEDES

More than you expect!

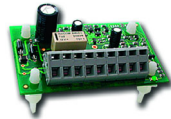
# ceprox/ELS 260/261/268/269 through-beam sensor



ceprox/ELS 261  
through-beam sensor



ceprox/ELS 260  
through-beam sensor



ceprox/ELS 268  
evaluation unit



ceprox/ELS 269  
evaluation unit

## ceprox/ELS at a glance!

With cepro/ELS you receive a complete and cost-effective through-beam sensor system that can be installed and operational in just a few easy steps.

The advantages of cepro/ELS:

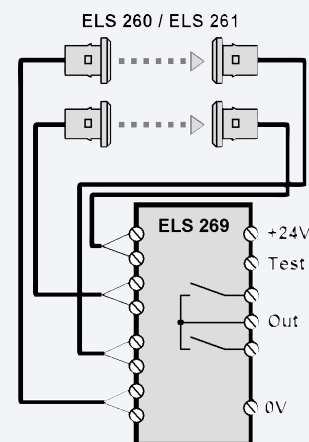
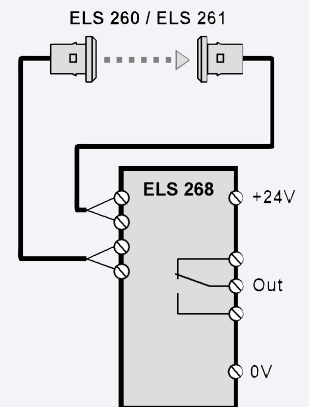
- Extremely easy to install
- Incredibly small dimensions
- Insensitive to ambient light
- Cable and plug version
- First class electromagnetic resistancy
- Highest quality thanks to gold plated contacts
- Controlled by a microprocessor
- Cost-effective!

## How ELS 260 and ELS 261 function

The ELS 260/261 through-beam sensors consist of receiver and emitter heads as well as the optional corresponding ELS 268/269 evaluation unit. If an object is situated between the emitter and receiver heads, the output of the evaluation unit is triggered as an interruption.

The ELS 260 strip-sensor is ideal if the space on a door profile is limited. With an incredibly small width of only 11.5 mm, it fits perfectly into all standard door profiles. Small dimensions with a large performance - this also applies to the ELS 261 knob type sensor (diameter 12.5 mm). In combination with the extremely easy installation, ELS 261 is an unbeatable through-beam light sensor for automatic door safety!

## Principle



## Technical Data



	<b>ceprox/ELS 260</b>	<b>ceprox/ELS 261</b>
Operating range	6 m / 12 m	6 m / 10 m
Output	NPN / PNP	NPN / PNP
Aperture angle	± 20° / ± 5°	± 10° / ± 5°
Max. ambient light	130'000 Lux	130'000 Lux
Enclosure rating	IP65 / IP67	IP65 / IP67
Temperature range	-20° ... +65°C	-20° ... +65°C
<b>ceprox/ELS 268/269</b>		
Supply voltage	18 - 30 VDC, 24 V ± 20 % AC	
Relay outputs	NC or NO	
Rise / fall time	125 VDC / 0.5 A, 30 VDC / 1 A, min.10 mA max. 10 ms	

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