



### 3 Lighting

#### 5 Autonomous safety lighting

#### 2 ATEX safety lighting LED for zone 2 and 22

The use of LEDs in emergency lighting represent savings of 71% compared to the frequently used 8W TL-lamp. In addition they generate a stable 100% light current. The life span of more than 50,000 hours renders this explosionproof fitting virtually maintenance-free. Testing autonomous safety lighting in dangerous zones requires special procedures and is very labour intensive. A safety lighting with active self-testing considerably increases safety. The fitting tests its emergency function, the lamp and battery itself at regular intervals. The status and potential errors are clearly signalled by means of a 2-coloured LED. The battery can be replaced in the dangerous zone without any extra measures. This fitting can be used in a permanent as well as in a non-permanent execution.

II 3 G Ex nR IIC T4 Gc

II 3 D Ex tc IIIC T60-80°C Dc

Zone 0	✗	Zone 20	✗
Zone 1	✗	Zone 21	✗
Zone 2	✓	Zone 22	✓

EU-declaration of conformity



#### On request

- pictograms
- variant voltages

#### Specifications

Housing	aluminium
Cover	polycarbonate
Seal	silicone
Protection	IP65
Voltage	230V - 50Hz
Electrical connection	max. 2,5mm <sup>2</sup>
Autonomy	1 or 3 hours
Battery	NiMH
Self-test function	standard
Cable entry	1 gland M20
Mounting	with 2 suspension brackets Ø7mm
Ambiant temperature	-5°C - +40°C
Guideline	ATEX
Manufacturer	Schuch

#### Ordering data

Code	Power	Light power factor (%)	Autonomy	Weight
nD8611L02/1W	5W LED	100%	1 hour	1,1 kg
nD8611L02/3W	5W LED	100%	3 hours	1,3 kg

#### Dimensional sketches

