

HL 25 EX Type 4584...

Flexible-head safety lamp IP 67 for use in areas with potentially explosive gas or dust atmospheres, Ex zones 1, 2, 21 and 22

Description

The microprocessor-controlled rechargeable flexible-head hand lamp, AccuLux HL 25 EX, is made of impact-resistant, not flammable plastics (ABS-VO) and has been tested for conformity with the directive 94/9/EG ATEX as well as relevant EMC rules. It is also approved for use in motor vehicles.

The lamp is equipped with two Power LEDs, shiftable via turn-switch. A 3 Watt Power LED with focused light beam for long-distance use and a 1 Watt Power LED with wider light beam for short-distance use. The built-in, environmentally-friendly, rechargeable lithium-ion battery does not show a memory effect, can be charged continuously and is protected against total discharge by its intelligent charger circuit. The battery pack is replaceable by the customer. The four-way swivelling lamp head allows most flexible use of the lamp. As it comes with a clamp the lamp can easily be attached to the protective clothing. The AccuLux HL 25 EX may be continuously on or blink and can be used as a warning light. The use as an emergency light according to VDE 0108 is allowed but it can be switched-off by the customer. Charging units for 100-230 V AC 50/60 Hz, 12 or 24 V DC for 1 up to 5 lamps are available on request. With its light weight of 430g only the AccuLux HL 25 EX is one of the leading hand lamps in this category. The lamp is made in accordance with DIN V 14649.

Special Features

- Replaceable lithium-ion battery
- LCD capacity flashes on charging
- Multilevel swivelling lamp head
- Charging units for 1 up to 5 lamps
- No changing of bulb necessary
- Emergency power function (can be deactivated)
- Light-weight, only 430 g

Included in Delivery



Fig. 2: Included in delivery HL 25 EX, Type 4584...

Dimensions

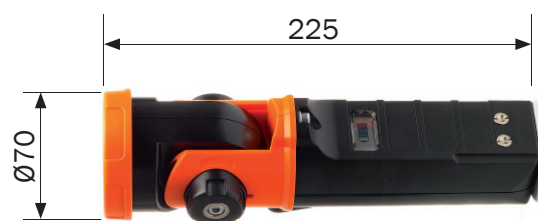


Fig. 3: Dimensions HL 25 EX, Type 4584...




Fig. 1: Lamp HL 25 EX, Type 4584...



Schematic illustration

 Flexible-head safety lamp

Technical Data

Article No. (see ordering code)	4584...
Casing material	ABS-V0 (not flammable)
Enclosure type of lamp	IP 67
Bulb Fernlicht	3 W Cree LED
Lighting time for long distance	approx. 5 h
Lighting time, blinking	approx. 10 h
Luminous flux for long distance	210 Lumen
Beam range	approx. 200 m
Lamp for close-up range	1 W Cree LED
Lighting time for close-up range	approx. 10 h
Luminous flux for close-up range	100 Lumen
Rechargeable battery	Lithium-Ion battery 3,7 V/4,6 Ah
Charging time	approx. 6 h
Charging voltage	100 ... 230 V AC 50/60 Hz, 12 V DC, 24 V DC
Weight of lamp	430 g
Dimensions in mm	225x70x70
Ex-Zone	1, 2, 21 and 22
Ex-marking	 II 2 G Ex ib II C T4/II 2D Ex ibD 21 T 135 °C
ATEX-No.	TÜV-A 10ATEX0006
Temperature range	-20 ... +40 °C

Applications

- Industry for chemistry, oil and gas
- Electricity, fault clearance, municipal utility
- Fire brigade
- Emergency medical services
- Shipyard
- Handcraft

More safety and better vision!



Safety Emergency Light Function:

In case of voltage drop (230 V, 24 V, 12 V) while the lamp is connected to the charging unit, the main lamp switches on. This function can be switched off.

Please Note:

When you order the lamp – the charging unit is not included.

Ordering Code

Model HL 25 EX

Type 4584

Colour

Black-signal orange (sw)

 8

Package

Folding box (KV)

1

Example of ordering key

458481

Model HL 25 EX, Type 4584, black-signal orange (sw): 8, with folding box (KV): 1

Accessory

Article No.	Designation
458871	Charging unit 100 - 230 V for 1 lamp
458872	Charging unit 100 - 230 V for 2 lamps
458873	Charging unit 100 - 230 V for 3 lamps
458874	Charging unit 100 - 230 V for 4 lamps
458875	Charging unit 100 - 230 V for 5 lamps
458861	Charging unit 12 - 24 V for 1 lamp
458862	Charging unit 12 - 24 V for 2 lamps
458863	Charging unit 12 - 24 V for 3 lamps
458864	Charging unit 12 - 24 V for 4 lamps
458865	Charging unit 12 - 24 V for 5 lamps

Spare Parts

Article No.	Designation
458810	Replacem. battery 3,7 V/4,6 Ah, Lithium-Ion
458841	Power supply 230 V for 1-way charg. station
458842	Pow. supply 230 V for 2-3 -way charg. station
458843	Pow. supply 230 V for 4-5 -way charg. station
458845	Car-cable set for charging stations 12 - 24 V

Additional accessories and spare parts are available on request